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MULTIVARIATE BETA BINOMIAL DISTRIBUTION MODEL AS A WEB MEDIA EXPOSURE MODEL

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MULTIVARIATE BETA BINOMIAL DISTRIBUTION MODEL AS A WEB MEDIA EXPOSURE MODEL

by

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This study develops and tests a new multivariate distribution model for the estimation of advertising vehicle exposure. The new multivariate distribution model is developed as three versions (i.e., one which doesn't adjust negative probabilities, and the others which adjust negative probabilities in unvariate distributions). In addition, eight other media exposure models are evaluated against a database of 440 tabulated schedules constructed from 2003 comScore network data. The types of models tested include: three univariate models – the Binomial Distribution Model (BIN), the Beta Binomial Distribution Model (BBD), and the Hofmans Beta Binomial Distribution Model (HBBD); three multivariate models – the Dirichlet Multinomial Distribution Model (DMD), the

Canonical Expansion Model (CANEX), and the Conditional Beta Distribution Model (CBD); and one aggregation model – the Morgensztern Sequential Aggregation Model (MSAD). All of the models tested are based on probability distributions. Some models are a combination of probability distributions and ad hoc methods. In addition, the approximation model of the MBD called the Hyper Beta Distribution Model (HBD), is described and tested. The accuracy of the eleven models is assessed via two evaluation criteria of model performance – the Average Percentage Error in Reach (AER) and the Average Percentage Error in Exposure Distribution (APE). All models are compared according to their relative overall accuracy as assessed by the two error measures.

The proposed new multivariate model – the Multivariate Beta Binomial Distribution Model (MBD) – was generally more accurate than the other models for the estimation of reach. For the estimation of the exposure distribution, the model proved more accurate than the Binomial Distribution Model (BIN), the Beta Binomial Distribution Model (BBD), the Hofmans Beta Binomial Distribution Model (HBBD), and the Dirichlet Multinomial Distribution Model (DMD), but less accurate than the Canonical Expansion Model (CANEX), the Conditional Beta Distribution Model (CBD), the Morgensztern Sequential Aggregation Model (MSAD), and Hyper Beta Distribution Model (HBD).

This study provides the foundation for further improvement of the model, along with recommendations for further investigation, since the theoretical potential for the performance of the model is high.

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CHAPTER 1

INTRODUCTION

1.1 Background

One of the most important and most frequently studied topics for both academicians and practitioners throughout the history of advertising research is how to measure the effectiveness of advertising (Beard 2002; Pasadeos, Phelps and Kim 1998). There have been two major streams of research in measuring advertising effectiveness. Some researchers have investigated the cognitive, conative and affective responses of individuals to varying levels of advertising exposure, while others have been interested in understanding how many consumers in a given target audience of the advertiser are exposed to the media vehicle or vehicles carrying the advertisement (e.g., Leckenby 1987). The latter stream of research has been generally classified as media planning, and is the primary focus of the present dissertation.

If only one media vehicle with only one insertion in that media vehicle serves as the entire advertising program for an advertiser, the method for measuring the audience exposure level of an advertisement is clear. An estimate of the audience of the vehicle must be obtained through a people survey of the target market involved. However, if more than one media vehicle or more than one insertion in any given vehicle is to serve as the advertising media platform for an advertiser, the problem becomes much more complicated, due to the “overlap” of exposure on the part of target audience individuals. This is the reason why researchers in media planning have developed “exposure distribution models,” which allow researchers to take into account the potential overlap of advertising exposure, an objective not achievable through audience surveys.

Researchers in media planning have traditionally estimated (1) the number of people who might see or hear the advertisement and (2) the number of times these people will be exposed, in order to develop an exposure distribution model. The concept of the number of people who might be exposed to an advertisement has been refined, and evolved into a concept of "reach," formally defined as the total number or percentage of people who are exposed at least once to an advertising schedule (Barban, Cristol and Kopec 1989). Similarly, the concept of the number of times people will be exposed to an advertisement has evolved into a concept of "frequency," which is formally defined as the number of times the average individual in the population will be exposed (Sissors and Baron 2002). Ultimately, reach and frequency have become the core, fundamental concepts necessary for performing media planning studies in advertising, and the present dissertation, too, will be based on the concepts of reach and frequency.

Reach/frequency estimation models generally fall into one of the three general categories: (1) ad hoc models (2) aggregation models and (3) models based on probability distribution (stochastic models).

First, some researchers developed reach/frequency models with no particular rationale of "theory" purported to underlie the method. These models are called ad hoc models. The primary criterion which the developers of ad hoc models employ is estimation accuracy (Leckenby and Wedding 1982). The ad hoc models may sometimes produce negative estimates, or may estimate reach exceeding 100 percent, both of which are logically impossible.

Secondly, some other researchers used the concept of aggregation. The models developed in this approach are called sequential aggregation models. They utilize a

known reach formula to estimate the reach of the first two vehicles to be aggregated or combined into one new pseudo-vehicle. The new combined vehicle is then aggregated with a third to produce another pseudo-vehicle. This procedure is iterated until all the vehicles are aggregated (Leckenby 1987).

Finally, the most commonly used approach in the development of exposure distribution models is the application of a probability distribution to the media reach/frequency estimation problem. The models based on probability distributions are called stochastic models. The basic idea behind a using probability distribution application is that exposure to a media schedule is a probabilistic process and not a deterministic one; that is, it is assumed that exposure is, in some measure, a chance process (Leckenby and Wedding 1982). Reach/frequency estimation models based on probability distribution have the desirable property of producing estimates which are always positive, and which are between zero and one, inclusive. When all estimates for all possible exposure levels in a schedule are summed, including the zero exposure level, they will add up to 1.0 or 100 percent of the audience.

The present dissertation aims to extend the third stream of research, i.e., stochastic models based on probability distribution, by examining a new exposure distribution model based on(1) Hyett (1958)'s Beta Distribution, (2) Waring (1792)'s Theorem, and (3) The Greene (1970)'s Personal Media Probabilities method.

1.2 The Evolution of Reach/Frequency Estimation Models

Over the past 40 years, a considerable amount of research has been conducted on the development of reach/frequency estimation models (Hyett 1958; Agostini 1961;

Hofmans 1966; Chandon 1976; Kishi 1983; Rice 1985; Boyd 1985; Lee 1988; Danaher 1992; Kim 1994; Cheong and Leckenby 2005).

The fundamental goal of developing a reach/frequency model is to get a "best guess" of how many people are exposed at least once to an advertising schedule and how many times the average individual in the population will be exposed. This stream of research has followed the track of suggesting new, alternative estimation models of reach/frequency one after another, in attempts to reduce the amount of error, or difference between the actual exposure levels and the model-estimated exposure levels of previous reach/frequency models. To-date, most models have been directed toward the area of magazine exposure estimation (Boyd 1985), primarily because of the availability of data, while some of the studies (e.g. Rice 1983) have developed television exposure models.

While existing reach/frequency estimation models seem to provide fairly accurate predictions, there remains room for improvement for the following three reasons: First, although the existing models generate relatively small estimation errors – meaning that actual exposure levels and the model-estimated exposure levels are very similar – it does not mean that advertising practitioners don't need more accurate models. This is because, in the real world, even a very small amount of estimation error may translate into hundreds of thousands of consumers, readers, or viewers for a media schedule of national scope, and, therefore, a substantial amount of advertising money may be wasted.

Secondly, some existing models appear to work well in certain situations, but not in others. For example, univariate exposure models, such as the Beta-Binominal Distribution Model (BBD), may be adequate only when all the vehicles in a schedule have similar audience characteristics.

Third, some estimation models have inherent limitations. For example, the accuracy of reach/frequency estimation in the Morgensztern Sequential Aggregation model (MSAD) can be seriously affected by the order of vehicle aggregation. Also, some multivariate exposure models, such as Canonical Expansion model (CANEX), sometimes generate negative frequency distributions, which are practically infeasible. Other models, such as the Dirichlet Multinomial Distribution model (DMD), assume equal numbers of insertions, which makes the model difficult to apply in the real world.

Accordingly, this dissertation is a major effort to develop a new exposure distribution model, namely the Multivariate Beta Binomial Distribution model (MBD), which has solid theoretical assumptions and improves the accuracy of prediction of reach/frequency. Details of the purpose of this dissertation are presented in the following section.

1.3 Purpose of the Study

The purpose of this study is the development of a new multivariate model which can overcome the limitations of the currently-leading models. For this study, a new multivariate model, called the Multivariate Beta Binomial Distribution model (MBD), will be developed and compared with the current leading models, in terms of accuracy in the prediction of reach and frequency distribution. Therefore, the major goal of the MBD model is to increase the accuracy of the prediction of the audience exposure and alleviate the inherent problems in the existing models.

The Multivariate Beta Binomial Distribution Model (MBD) is the multivariate approach of the BBD model, which is known as the most accurate univariate model

established to-date and the most prevalently used in practice. The MBD model overcomes the limitations of previous models, including but not limited to the BBD model, in various ways. First, as previously discussed, the drawback of the BBD is that it works with only one vehicle; however, the MBD model developed in this study is designed to work with multiple vehicles. Second, as previously noted, the DMD model has a drawback in practice despite the accuracy of the model, since it can be used only for vehicles with the equal numbers of insertions. That is, it requires symmetrical insertions, which are rarely used in media planning practice. However, the MBD model is designed to allow any number of insertions.

The new MBD model to be developed in this dissertation is examined using Web audience data, not only because the current media environment demands more focus on the exposure model for the Web, but also because the fact that most previously developed exposure models have focused only on the traditional media (e.g., magazines and television).

1.4 Organization of the Study

This study consists of seven chapters. Chapter Two presents concepts for media planning and audience measurement. The purpose of including the material is to provide the reader with the necessary background to understand the remainder of the study, that is, to provide the background related to reach and frequency estimation. The availability and concepts of the types of inputs (audience data) necessary to develop reach/frequency estimation models are also discussed.

Chapter Three involves a review of the relevant literature for each of the reach/frequency estimation models tested, along with the mathematical specifications for each model. The assumptions and limitations of each model are examined, and a computational example for each is provided. The reach/frequency estimation models are all grouped into three major categories: (1) ad hoc reach estimation models, (2) stochastic reach/frequency estimation models, and (3) aggregation models.

Chapter Four gives an overview of the Multivariate Beta Binomial Distribution (MBD), the new reach/frequency estimation model developed in this study, along with algorithms and its logic flow, designed for the purpose of estimating reach and frequency in advertising vehicles with multiple inserts.

Chapter Five discusses the methods used to evaluate the performance of the established reach/frequency estimation models and the new reach/frequency estimation model: the Multivariate Beta Binomial Distribution model. Included are an introduction of the evaluated models, a description of the data used, and an illustration of the evaluation criteria for model performance. Model performance is assessed according to error magnitude.

Chapter Six discusses the relative performance of the ten reach/frequency estimation models, tested in terms of the magnitude of estimation error: the Average Percentage Error in Reach (AER), And the Average Percentage Error in Exposure Distribution (APE) described in the previous chapter.

Chapter Seven summarizes the results of the study and discusses the implications of the findings and the limitations of the study. It concludes with future research directions.

CHAPTER 2

CONCEPTS FOR MEDIA PLANNING AND AUDIENCE MEASUREMENT

This chapter provides concepts for media planning and audience measurement. This chapter is not intended to provide a thorough glossary of terms related to media planning and audience measurement. Rather, it gives the reader the necessary background related to reach and frequency estimation. The major concepts covered in this chapter are related to the types of inputs necessary to develop reach/frequency estimation models.

2.1 Media Planning Concepts and Terminology

A *media vehicle* is a specific media choice, the specific newspaper, magazine, outdoor board, or broadcast program or time slot chosen to carry the advertising message (Rust 1979, pp.152-154). For print media, a media vehicle is the specific newspaper or magazine which will carry one or more of the advertisements. The *New York Times* and *Better Homes & Garden* are both print media vehicles. For the broadcast media, a vehicle may be either a specific program or time period, in that certain programs or types of programs tend to be found in certain time slots. Therefore, *The Tonight Show* as well as "prime time" may be considered media vehicles (Boyd 1985).

The *media schedule* is the entire set of media vehicles in which advertisements are placed for the particular product, service or message of interest (Boyd 1985, p18). The goal of media scheduling is to select the most inexpensive set of media vehicles which exposes a desired percentage of the target population a desired number of times while interacting positively with the copy and the target population (Gensch 1973, p.24).

Media planning has been defined as the process of designing a course of action that shows how advertising time and space will be used to contribute to the achievement of marketing objectives (Barban, Cristol and Kopec 1976, p.1). The media planning formalizes the objectives of advertising in the selected media, and produces a concrete, quantified plan for achieving the objectives. Though a media plan may be based on many specific types of objectives, in general there are three basic factors which serve in the statement of quantifiable media objectives: (1) reach, (2) frequency, and (3) continuity (Hong 1998). Fundamentally, the estimation of reach/frequency is important because it is the basis upon which the budget is expended in advertising. For national advertising campaigns, about ten percent of the total advertising budget is spent on the development of the creative message. The remainder is spent on buying the time and/or space to carry the advertising message.

The decision to spend advertising moneys on one media vehicle rather than another is largely made upon the estimate of the reach and frequency which these alternative vehicles can provide for the message to be delivered to the target audience. The money in advertising is spent on the media through decisions based largely upon reach/frequency media evaluation criteria; therefore, reach and frequency are the fundamental building blocks of an effective advertising planning program (Hong 1998).

2.2 Evaluation Criteria for Media Planning

A number of criteria may be used for comparison purposes in the evaluation of advertising media schedule performance. Most media planning experts advocate a multiple criteria approach to advertising decision-making (Leckenby and Wedding 1982,

p.401). The most widely-used criteria for media schedule performance are discussed below.

2.2.1 Reach and Frequency

The *reach* of an advertising schedule is defined as the unduplicated proportion of a population or target market that is exposed to the media vehicle or advertising message at least once during a designated time period (Barban, Cristol and Kopec 1976, p.48). This concept is also referred to as unduplicated reach. This construct is concerned with the penetration of the advertising vehicles or message, rather than with repeat exposures. Reach may be a primary evaluation criterion for a media schedule involving a new product, where high levels of awareness are deemed important, or for frequently purchased products, where consumers must often be reminded to buy.

The idea of calculating reach is to add up the single-insertion audience, subtract from this the sum of the duplicated audiences, and to add back in the triplicated audience, and so forth. This illustrates the fundamental law of reach for "*n*" vehicles:

$$REACH=S(1)-S(2)+S(3)+/-S(N)$$

The "+" and "-" signs alternate all the way through to the "nth" vehicle. Probability theorists call this law the inclusion/exclusion principle. This principle forms the basis for all reach estimation concepts (Hong 1998).

The (average) frequency of a media schedule is the average number of times within a given time period that an individual in the target market is exposed to the advertising schedule or message. Again, most reach/frequency work deals with exposure to the advertising vehicles (i.e., the schedule), instead of contact with the actual message.

When the (average) frequency figure is viewed as one of the most important evaluation criteria for alternative schedules, it is implicitly assumed that all exposures have equal value (Boyd 1985).

2.2.2 Frequency Distribution (Exposure Distribution)

The *frequency distribution* (often called the *exposure distribution*) of an advertising media schedule specifies how many times (0, 1, 2 and so on, up to the total number of insertions in the schedule) a certain number or proportion of people or households in the target market will see or hear the vehicle in which the advertisement will be placed (Leckenby and Wedding 1982). The exposure distribution provides much more detailed information about audience exposure. It is especially important when certain frequency levels are deemed crucial (e.g., that a certain percentage of the target market be exposed at least three times). Again, the exposure distribution denotes exposure to the media vehicles in the schedule, and does not necessarily indicate exposure to the ad campaign.

A distribution of the number of exposures to a media schedule is said to be a probability distribution when the sum of the probabilities (numbers between 0 and 1 or 0 percent and 100 percent) adds up to 1 or 100 percent and none of these are negative.

In practice, rather than estimate the reach directly through the inclusion/exclusion principle, usually it is more convenient to derive reach from the exposure distribution. This is done by adding up the individuals or proportions exposed one or more times. Equivalently, reach may be obtained by subtracting those not exposed at all, the “zero cell” of the distribution, from the target market population, or 100 percent in the case of

proportions. For example, below is a frequency distribution of a media schedule with one-insertion per vehicle in the case of six vehicles.

Table 2.1
An Example of Frequency Distribution (Exposure Distribution)

Number of Exposures	Observed Exposure (%)
0	38.41
1	17.89
2	39.66
3	2.67
4	1.36
5	0.01
6	0.00
Sum	100

2.2.3 Effective Frequency and Reach

Effective frequency is comprehended to be that frequency or a range of frequencies at which the responses by target market consumers to a particular message in a particular media vehicle are at desirable levels consistent with the objectives of the advertising program (Sissors 1982). The notion of effective frequency has become an important one in advertising, because it purports to answer a perplexing question for advertisers: “How much frequency is optimal for advertisement?” The term “frequency” is usually applied to the media planning strategy, where it represents the average number of vehicle exposures that media audiences receive in a given period of time. But the concept of “effective frequency” suggests that various degrees of advertising repetition are more (or less) effective in communicating a brand’s advertising message or in actually selling that brand.

According to Turk and Katz (1992), effective frequency has moved beyond the theoretical and experimental stages to being a standard concept in the media planner’s

arsenal. This amount may vary from one repetition to as many as ten or more. Some planners, at first, thought the optimum effective frequency number was from three repetitions on. This was called the “three-plus” concept. Later, however, there was much agreement that the optimum effective frequency number could be as low as one or as many as ten or more, or that the number could even be a range of numbers, such as a frequency level from two to seven. Till now, this question has not been resolved, and more research on response functions may be needed to settle the argument (Sissors and Bumba 1989).

The *effective reach*, which is derived from the effective frequency, represents the percent of a vehicle’s audience reached at each effective frequency increment. If effective frequency is believed to be from two to seven repetitions, then the reach is the sum of individual reach percentages for each frequency level (Kim 1994).

2.2.4 Continuity

The *continuity* of the media schedule refers to how the advertising is scheduled over the time span of an advertising campaign period (Barban, Cristol and Kopec 1976, p.49).This dimension of media planning is concerned with the timing of the advertising message, and has tended to revolve around the debate of “massed” versus “spaced” schedules.

According to Zielske (1980)’s study, (1) Different ways of allocating the same number of television rating points over time will produce radically different patterns of advertising recall; (2) For the same number of television rating points, concentrating them within a short span of time will produce a higher peak level of advertising recall than spreading

them over a longer time span; (3) Once the advertising stops, unaided recall of the advertising declines sharply.

In any case, it appears that decisions about schedule continuity will depend in part on the given advertising objectives, the total marketing situation, and the desired levels of recall over specific periods of time (Boyd 1985).

2.2.5 Cost Per Thousand (CPM)

The advertising media planner always faces a budget constraint for a particular product or ad campaign. To find out what the advertiser is getting for the money spent, alternative media plans must be evaluated on some type of standardized cost basis. The cost per thousand (CPM) provides this information. The CPM is the cost to deliver 1,000 people or homes and is calculated by dividing the media cost by the audience delivered and multiplying the quotient by 1,000 (Sissors and Bumba 1989).

CPM=(Cost of advertisement*/Number of prospects reached**)x1,000

*For print media, it can be the cost of one page (black-and-white), and for broadcast media, it can be one unit of time. **The circulation and the number of homes reached by a given program or time period can be used when audience data are not available for print media and broadcast media, respectively.

Sometimes some groups of individuals in the audience are more highly valued than others. In these instances, the cost efficiency of the schedule may be stated in terms of the desired target market (CPM/TM) or effective reach (CPM/ER) or both (CPM/TM/ER). These concepts of CPM provide an enhanced picture of schedule efficiency in terms of preferred targets and exposure levels (Kishi 1983).

2.2.6 Gross Rating Points (GRPs)

Gross rating points (GRPs) is "Reach times average frequency." This is a measure of the advertising weight delivered by a vehicle or vehicles within a given time period. GRPs are the sum of the ratings delivered by a given list of media vehicles, which is expressed in a percentage. The GRP is also termed the gross audience or duplicated audience, since it offers a description of the total audience delivery without regard to duplication or repeat exposure to the media vehicles. The GRPs of a schedule may be obtained by multiplying the reach and average frequency figures (GRP=Reach x Average Frequency).

Calculating the GRPs of each of the alternative media schedules is a fundamental step in media planning practice. This criterion, however, is a crude device on its own since the concept does not account for audience duplication among different issues of each vehicle, or between different vehicles, and would not be helpful to the advertising media planner if he or she wants to find the schedule that provides maximal coverage of the target audience which is exposed at least three times. Thus, this criterion is considered nothing more than a starting point in developing a media plan and is used along with other criteria (Kim 1994).

2.3 Audience Measurement Concepts

There are many ways to define the audience of a media vehicle, and definitions vary according to media types. This study will focus on the audience definitions used by the syndicated media research services, since these definitions form the basis for the surveys which produce the input data for reach/frequency models.

2.3.1 Definition of Audience

The definition of the vehicle audience is the proportion of people contacted by an individual media vehicle (Dunn and Barban 1976). For magazines and newspapers, the audience is considered to be the number of people exposed to the vehicle at least once during a given period of time (Kishi 1983). For broadcast media, audience figures are denoted by the share of the audience, the percentage of households viewing or listening to a particular program, compared to the total number of households using television (HUT).

Audience figures are more useful to advertisers and media planners but are a far cry from the ideal type of input, which would indicate (at least) exposure to advertising. Also, audience figures for the same vehicle will vary, depending on the way in which individuals are qualified as audience members (See Chandon 1976, pp.61-65).

Audience estimates may also vary according to the definition of vehicle exposure. The syndicated research services are usually concerned with the "opportunity to see" (OTS) and use this as the basis of their definitions and measurements. Simmons Market Research Bureau (SMRB) defines a reader as a person who has "read or looked into" any copy of the publication of interest during the last six months. Whether or not the "through-the-book" or "recent reading" method is used, the definition of a reader hinges on whether or not a person may have "read or looked into" recent issues of a particular magazine (Kishi 1983).

Of course, reading or looking into a vehicle does not guarantee that the "reader" was exposed to any of the advertisements. The syndicated services tend to use the most lenient definitions for readers and viewers of particular vehicles. The criteria used to

screen readers and viewers should remain constant across vehicles, although it is impossible to develop standards across media types (Boyd 1985). Basically, the reach/frequency estimation models require three types of audience data for each vehicle in the schedule of interest. These values are used to estimate model parameters, which, in turn, are used to generate reach and frequency figures according to model specifications. The types of input data required for each vehicle are: (1) the average-issue audience; and (2) the two-issue accumulative audience, or alternatively, the within-vehicle duplication. For each distinct vehicle pair, a third piece of information is needed – (3) the net pairwise audience, or conversely, the between-vehicle duplication.

2.3.2 Average Issue Audience

The *average issue audience* of a media vehicle is also called the single-insertion audience or simply the average audience. For print vehicles, it is defined as the total number or proportion of people exposed to the "average" issue of a publication. For broadcast vehicles, it is a minute-by-minute average of the audience attending to an "average" minute during the show (Boyd 1985). Average issue audience figures will vary, depending on the number of issues used to establish the average and the time period studied (Kishi 1982, p.37). Clearly, the larger the number of issues measured, the more valid the "average" statistic will be. It is also clear that "better" estimates will be obtained at greater expense (e.g., the measurement of more issues costs more money), and that some limit on number of issues measured must be established to make feasible the publication of audience figures. The "limits" on which the syndicated services (e.g. Simmons Market Research Bureau (SMRB)) have settled for magazines are two issues,

or more accurately, two phases of measurement. SMRB employs the two-phase interview, while Mediamark Research Inc.(MRI) uses only a one-shot strategy (SMRB 1979)

The SMRB formula for the average-issue audience (R_1) consists of averaging the number of readers of issue phase one with those of issue/phase two.

R_1 = Readers of both issues 1 and 2 + (Readers of issues 1 only + Readers of issues 2 only)/2

R_1 = (All readers of issue 1 + all readers of issue 2)/2

For this study, the average site audience is defined on a weekly basis using the definitions used by SMRB and estimated as an average number of individuals visiting a website, category, channel, or application per day.

The Average Site Audience= (Site viewers in Week 1 + Site viewers in Week 2)/2

2.3.3 Two-Issue Accumulative Audience

The *two-issue accumulative audience* is the number or proportion of people exposed to two issues of the same media vehicle (e.g., the January and March issues of *Better Homes & Gardens*). SMRB calls the two-issue accumulated audience the net unduplicated audience for one publication, and defines it as the number or proportion of persons included in the audience of a first and/or a second average issue audience; that is, the number of different persons reached by two issues (phases) of the publication.

This is equivalent to the two-issue reach of a particular vehicle, and is composed of the number of persons who read or looked into a publication in Phase I and/or Phase II (SMRB 1979, p.64).

2.3.4 Within-Vehicle Duplication

Within-vehicle duplication is also called self-pairs duplication. It represents the number or proportion of people who see both issue/phase 1 and issue/phase 2. Although ideally more than two phases should be measured, the within-vehicle duplication figures, as published by SMRB, give some indication of reader loyalty to particular publications. A magazine with low within-vehicle duplication implies that greater reach (exposure to larger numbers of different people) may be achieved with lower average frequency, while a magazine with high within-vehicle duplication indicates high reader loyalty with a potential for enhanced frequency of exposure to the vehicle or average message (Kim 1994).

2.3.5 Net Pairwise Audience

The *net pairwise audience r*efers to the number or proportion of different individuals exposed at least once to one issue of each of a pair of vehicles included in a schedule. SMRB defines the netpairwise audience as the number or proportion of persons included in the average-issue audience of the first and/or the second publication (SMRB 1979, p.63). In other words, a person is counted in the net pairwise audience of two vehicles if he saw or looked into Magazine A, Magazine, B or both magazines.

2.3.6 Between-Vehicle Duplication

Between vehicle duplication is the number or proportion of people who read or looked into both vehicles in the pair. This figure has also been called cross-pair duplication and the duplicated audience. Within the SMRB research design, there are four

measures of between-vehicle duplication for each pair of different vehicles. Given two magazines, A and B, and the two-phase design employed by Simmons, the four measures of between-vehicle duplication are: (1) the first issue of A with the first issue of B, (2) the first issue of A with the second issue of B, (3) the second issue of A with the first issue of B; and (4) the second issue of A with the second issue of B (Kim 1994).

Between-vehicle duplication figures provide an indication of the degree to which audiences of different vehicles overlap. The use of vehicle pairs with high between-vehicle duplication still tends to increase the frequency of an advertising schedule, while pairs with low between-vehicle duplication will contribute to enhanced reach (Boyd 1985).

2.3.7 Higher-Order Tuplications

When data for repeat exposures greater than two are reported either for the same vehicle or different sets of vehicles (e.g., triplications), they are referred to as *higher-order tuplications* or n-tuplications. Such a test is not made in this study, since only the effect of second-order tuplications is tested.

2.3.8 Types of Data Reported by Syndicated Services

The terms “between-vehicle duplication” and “within-vehicle duplication” should not be confused with within-and between-program broadcast audience data reported by some syndicated research firms. The latter type of data refers to viewing or listening levels during particular programs and commercial breaks between programs. In other words, these types of measurements are concerned with broadcast audiences during

particular time slots and are not indications of the extent of any type of program duplication (Boyd 1985).

Between-vehicle and within-vehicle duplication figures deal with the common audience between two different vehicles or two issues of the same vehicle, and are not concerned with specific time slots or whether the measure is taken during or between specific programs.

CHAPTER 3

REVIEW OF REACH/FREQUENCY ESTIMATION MODELS

This chapter provides a description and mathematical specification for each of the reach/frequency estimation models that have been developed to date. The reach/frequency estimation models will be grouped into three major categories: (1) ad hoc reach estimation models, (2) stochastic reach/frequency estimation models, and (3) aggregation models.

3.1 Types of Reach/Frequency Estimation Models

A reach/frequency estimation model is based on a distribution of the number of exposures to a media schedule. Reach/frequency estimation models generally fall into one of three general categories, and all three categories of models are discussed here.

3.1.1 Ad-Hoc Reach Estimation Models

Ad hoc estimation models have been developed with no particular rationale of "theory" purported to underlie the method. The primary criterion which the developers of ad hoc models employ is estimation accuracy (Leckenby and Wedding 1982, p.516).

That is, an ad hoc reach estimation model is deemed acceptable for general use if it reproduces observed data accurately and is able to make reasonable extensions of those data. In other words, the fact that an ad-hoc reach estimation model works is important; the question of why it works is not addressed. Thus, for certain survey data, a model often performs well but, when applied to somewhat different data, the model might not perform properly.

A lot of different ad hoc models have been developed and these have been applied to the problem of estimating reach alone. Here, two ad hoc models are presented -- one of the oldest and most famous ad hoc models, Agostini's Formular (1962) and the Hofmans formula (1966), which is considered an extension of Agostini's Formular.

3.1.1.1 Agostini's Formula

The Frenchman, J.M. Agostini, in generally credited with developing the first publicly available reach model, as published in the *Journal of Advertising Research* in 1961 (Agostini 1961). Agostini developed his research estimation model by curve-fitting methods involving actual duplication and audience data for French magazines. In this research for the relationship between reach, gross audience (the sum of single-insertion audiences) and duplication, he found a concave downward curve in one parameter which related these three elements. He believed this parameter, which came to be called Agostini's *K*, was constant for all magazine schedules, and he provided evidence to show this.

Agostini proposed the following formula (Agostini 1961):

$$R_m = \frac{(\sum_{i=1}^{m} A_i)^2}{\sum_{i=1}^{m} A_i + K \sum_{j>i}^{m} \sum_{i=1}^{n} D_{ij}}$$

Where R_m = cumulative reach of the schedule
A_i = average issue audience of vehicle *i*
K=1.125 (Agostini's constant, determined empirically)
D_{ij} = pairwise duplication between vehicle *i* and vehicle *j*
m= number of vehicles in the schedule

The basis of Agostini's formula is the relationship between the defined variable *x* (the sum of pairwise duplication (*D*)/the sum of the individual audience (*A*)) and *z* (a relationship between cumulative reach (*R*) and the sum of the individual audience (*A*)), which is a function of *x*, that is, an equation of the form $z=1/(Kx+1)$.

An equation of the form $z=1/(Kx+1)$ was fitted to some 1957 French print readership survey data, with a resulting constant *K* of 1.125. Agostini tested this *K* and the model, and found that they worked well for both French and U.S. magazines.

However, later studies (e.g., Bower 1963) showed that *K* was a variable, dependent on the number of insertions and vehicles involved in the media schedule. Bower (1963) tested this model on 640 cases from seven readership reports for various national magazines in the U.S. and Canada, and concluded that this formula was accurate for some types of schedules but not for others, especially the groups which have large numbers of vehicles in a schedule.

Claycamp and McClelland (1968) also evaluated the accuracy of Agostini's *K* on three different data and concluded that *K* should not be treated as a constant but as a variable, dependent on specific situations, measures and data bases. They noted that "… although *K* is not a universal constant, the empirical formula proposed by Agostini has a sound analytical base and can be used to simplify the problem of estimating reach for advertising campaigns" (1968, p.49).

3.1.1.2 Hofmans Formula

Another Frenchman, Pierre Hofmans, developed a closed-form expression for K. Hofmans showed that the empirical formula developed by Agostini through curve-fitting to actual data was in fact equivalent to the sum of infinite geometric series, each term of

which included a variable form of *K* and *SI* (sums of Ith-tuplications). The contribution of Hofmans was to show that *K* was a function of the gross reach (the sum of the audiences), divided by the reach for pairs of vehicles with one insertion summed over all pairs (this is the concept of average frequency).

In place of the constant *K* value, derived for an entire schedule, Hofmans suggested the calculation of *K* values for each individual vehicle pair, or for each pair of insertions within the same vehicle. These are multiplied by corresponding within-vehicle duplication figures and summed across all vehicles in the schedule. The result is a *K* value that is weighted by the individual pair values. This formula should produce a better *K* estimate than one average for the total schedule (Kim 1994).

$$R_m = \frac{(\sum_{i=1}^{m} A_i)^2}{\sum_{i=1}^{m} A_i + \sum_{j>i}^{m} (\sum_{i=1}^{m} K_{ij} D_{ij})}$$

Where R_m = cumulative reach of the schedule

A_i = average issue audience of vehicle *i*

$K_{ij} = \frac{A_i + A_j}{A_i + A_j - D_{ij}}$

D_{ij} = pairwise duplication between vehicle *i* and vehicle *j*

m= number of vehicles in the schedule

Both the Agostini and Hofmans formulas are indicative of the nature of other ad hoc approaches to reach/frequency estimation, with limitations inherent in all similar methods. They appear to perform well in certain situations but, from a managerial perspective, there are inherent limitations.

3.1.2 Stochastic Reach/Frequency Estimation Models

Estimation models based on probability distributions are called stochastic reach/frequency estimation models (Boyd 1985, p.54). The use of stochastic reach/frequency estimation has the following advantages:

(1) A probability distribution is positive everywhere in its interval of definition so that logical errors such as negative frequency are impossible. For reach/frequency estimation research, these have the desirable property of producing estimates which are always positive and between zero and one, inclusive (Rice 1985).

(2) The area under the probability curve of the distribution adds up to 100 percent and, therefore, illogical outcomes such as reach greater than 100% are not possible. That is, when all estimates for all possible exposure levels in a schedule are summed, including the "zero" exposure level, they will add up to 1.0 or 100 percent, of the audience (Rice 1985).

(3) If a known probability distribution is utilized in the exposure estimation process, the way in which the parameters can be found is fairly well-known since mathematicians will have studied the distribution for a long time (Leckenby 1982; Rice 1985).

However, the ad hoc models discussed in the previous section may sometimes produce negative estimates, or may estimate reach exceeding 100 percent. Leckenby and Wedding (1982, p.519) indicate that stochastic models have an additional advantage over the ad hoc approach in terms of their connection to theory on media exposure.

Stochastic models differ from ad hoc approaches in as much as they require the explicit statement of hypotheses about the nature of the duplication and accumulation

processes underlying the development of schedule reach. Such hypotheses can, therefore, be tested and either accepted or disregarded for future work and application. Stochastic models also convey the view that exposure to a media schedule is a probabilistic process and not a deterministic one; that is, it is assumed that exposure is, in some measure, a chance process (Leckenby and Wedding 1982, p. 519).

Stochastic models can produce exposure (frequency) distributions along with a reach estimate, whereas many ad hoc models produce only a reach. Therefore, stochastic models provide significantly more information to the advertising researcher than ad hoc models. Stochastic models can be classified into univariate models and multivariate models, which will be discussed in the following sections (Lee 1988).

3.1.2.1 Univariate Models

In general, both univariate and multivariate models require the same types and levels of input data. What varies is model complexity and suitability from a theoretical standpoint. Univariate models use the average of vehicle characteristics for all vehicles in a schedule to develop data for a “composite” vehicle. These “average” characteristics, then, are used to find univariate model parameters.

This type of approach is useful when all vehicles have similar audience characteristics, but the “composite” vehicle is not representative, and model estimates are not accurate when dissimilar vehicles are included in a schedule. Univariate models generally embody the following assumptions:

(1) Individual probabilities of exposure are heterogeneous, different for each individual. Probabilities are stationary across issues and time.

(2) The probabilities of exposure to different vehicles are homogeneous, the same for every vehicle. This results from the averaging of audience data to derive model parameters. Vehicle exposure probabilities are stationary over time.

(3) Both within- and between-vehicle duplication are non random. Both types of duplication are averaged, rather than treated as separate phenomena.

The Binomial Distribution model (BIN), the Beta Binomial Distribution model (BBD) and the Hofmans Beta Binomial Distribution model (HBBD) belong to this category (Boyd 1985; Lee 1988; Kim 1994).

3.1.2.1.1 The Binomial Distribution Model (BIN)

Fundamental to almost all media reach/frequency estimation methods is the idea of "combinations." People in the target market can be exposed to exactly two magazines in a number of different ways in a media schedule which consists of three magazines. For example, if the schedule consists of *Better Homes & Gardens*, the *Ladies' Home Journal* and *Womans' Day* with one insertion in each magazine, then any given individual in the target market could be exposed to *Better Homes & Gardens* and the *Ladies' Home Journal* out of the three magazines if that person is exposed only to two magazines during the run of the schedule.

Similarly, another person could be exposed to only *Better Homes & Gardens* and *Womans' Day*, while the other could be exposed to only the *Ladies' Home Journal* and *Womans' Day*. That is, there are three different ways to be exposed to two vehicles for a schedule which contains three vehicles.

This is stated more formally as "the number of combinations of three things (magazines) taken two at a time is equal to three." That is, "*n*" things taken "*x*" at a time

= n!/[x!(n-x)!]. The idea of the number of combinations is used in the simple media reach/frequency estimation model – the binomial distribution.

The Binomial Distribution: Probability of people exposed to insertions "*x*" number of times

$$\binom{Total}{x} p^{x}(1-p)^{Total-x}$$

Where: "Total" is the total number of insertions in the schedule; "*x*" is the exposure level, e.g., *x*=3 would be three exposures to the schedule; "*p*" is the average exposure of the vehicles. The Binomial Distribution assumes that every person in the audience has a fixed probability, *p*, of exposure to the given vehicles.

3.1.2.1.2 The Beta Binomial Distribution Model (BBD)

The beta-binomial distribution model became the most widely used distribution model (Leckenby and Kishi 1982) and forms a basis for several exposure distribution models developed later (Kishi 1983; 1987, Leckenby and Rice 1985; Rust and Leone 1984).

The Beta Binomial Distribution model incorporates the Beta Distribution and the Binomial Distribution into the model. The Beta Distribution is used to estimate the probability of an individual to be exposed to any one, any two, up to any number of vehicles in the schedule, and the binomial is used to estimate the distribution of exposures. It is a two parameter distribution, requiring as inputs only first- and second-order audience data (i.e., average-issue audience, two-issue vehicle accumulation, and the net pairwise audience for all vehicle pairs) (Boyd 1985).

Metheringham (1964) developed a method of estimating the frequency distribution of multiple insertions, under the assumption that the readership of any issue is constant, as also is the readership of any two, any three, and so on. Metheringham's method was later found to be equivalent to the Beta-Binomial Distribution model, which was suggested later by Greene and Stock (1967).

Although the Binomial Distribution assumes that every person in the audience has a fixed probability, *p*, in fact, someone will have a different probability of exposure to a particular magazine (e.g., *Better Homes & Gardens)* than will others. We can indicate this by saying the differing exposure probabilities are distributed according to some distribution, note f(p). So:

$$(1)\ (E_k^n)_i = \binom{n}{k} p_i^k (1 - p_i)\, f(p_i)$$

The above states that person *i*'s probability of exposure to *k* out of *n* insertions in a schedule $(E_k^n)_i$ is given by the binomial multiplied by some other distribution $f(p_i)$: which indicates person i's probability of exposure out of the population exposure probabilities. Now, if we add up all person's (all *i*'s) probabilities over the population, we get the sum of (1);

$$(2)\ E_k^n = \int_0^1 \binom{n}{k} p^k (1-p)^{n-k}\ f(p\ )dp$$

This assumes that the target audience population *n* is very large, so that the possible discrete values of *p* have a separation of just 1/*n*. This will be so small that *p* can be approximated as a continuous function, and, thus, an integral formulation of the equation can be used.

If we factor the binomial coefficient outside the summation (integral), we get:

(3) $E_k^n = \binom{n}{k} \int_0^1 p^k (1-p)^{n-k} \, f(p \,) dp$

If we say the insertions distribution of an individual's probabilities of exposure to a schedule are beta-distributed (a theory), we would be concerned with:

(4) $p(p \mid \alpha, \beta) = \dfrac{\Gamma(\alpha+\beta)}{\Gamma(\alpha)\Gamma(\beta)} p^{\alpha-1}(1-p)^{\beta-1}$

Assuming that $f(p\,)$ is beta distributed, the frequency distribution of exposures, then, follows a simple, tractable compound distribution, namely the Beta Binomial Distribution.

To get the BBD, we replace the general form $f(p\,)$ in (3) with (4):

(5) $E_k^n = \binom{n}{k} \int_0^1 p^k (1-p)^{n-k} \dfrac{\Gamma(\alpha+\beta)}{\Gamma(\alpha)\Gamma(\beta)} p^{\alpha-1}(1-p)^{\beta-1} \; dp$

Upon simplification,

(6)

$$E_k^n = \binom{n}{k} \int_0^1 p^{\alpha+k-1}(1-p)^{\beta+n-k-1} \frac{\Gamma(\alpha+\beta)}{\Gamma(\alpha)\Gamma(\beta)} dp = \binom{n}{k} \frac{\Gamma(\alpha+\beta)\Gamma(\alpha+k)\Gamma(\beta+n-k)}{\Gamma(\alpha)\Gamma(\beta)\Gamma(\alpha+\beta+n)}$$

Equation (6) shows the proportion of individuals exposed to exactly *k* number of exposures out of *n*, when the individuals' probabilities of exposure follows a beta distribution of parameters α and β.

This is essentially the same as the probability of obtaining exactly *k* success in n trials when the probabilities of success are distributed according to a beta distribution of parameters "α" and "β".

A rational expression can be derived from (6) for computational purposes:

(7) $E_k^n = \binom{n}{k} \dfrac{\alpha(\alpha+1)...(\alpha+k-1)\beta(\beta+1)...(\beta+n-k-1)}{(\alpha+\beta)(\alpha+\beta+1)...(\alpha+\beta+n-1)}$

(7) is the form of the BBD used for calculations. The "α" parameter estimate represents the average exposure (the average of at least one exposures) to the schedule, while the "β" parameter represents non-exposure. This expression reduces further, if we wish to compute the percentage of non readers (i.e., *k*=0).

$$E_0^n = \frac{\beta(\beta+1)...(\beta+n-1)}{(\alpha+\beta)(\alpha+\beta+1)...(\alpha+\beta+n-1)}$$

Thus, for a given *a*, the larger the value of *b*, the higher the percentage of non-readers. For a given β, the larger the α parameter, the higher the percentage of loyal readers.

The average issue audience as a fraction of total target market (e.g. total target market is survey respondents) is simply the ratio of the a parameter over the sum of the α and β parameters:

(8) $E_1^1 = \frac{\alpha}{\alpha+\beta}$ =average issue audience= R_1

Thus, the larger α is relative to β, the larger the average issue audience. If α =1 and β =1, half of the target population will be exposed to a certain vehicle, and the other half the of target population will not be exposed.

The two-issue accumulative audience is

(9)

$$E_1^2 + E_2^2 = R_2 = \binom{2}{1}\frac{\alpha\beta}{(\alpha+\beta)(\alpha+\beta+1)} + \frac{\alpha(\alpha+1)}{(\alpha+\beta)(\alpha+\beta+1)} = \frac{\alpha(\beta+1)+2\alpha\beta}{(\alpha+\beta)(\alpha+\beta+1)}$$

$b = \frac{\alpha(1-R_1)}{R_1}$ is derived from equation (8), thus, $\alpha = \frac{R_1(R_1-R_2)}{R_1^2+R_2-2R_1}$ is derived from (9).

The average audience and the average two-issue audience are estimated for *m* numbers of vehicles from "book" data, such as SMRB, for magazines like below:

$$\overline{R}_1 = \frac{\sum_{i=1}^{m} n_i A_i}{\sum_{i=1}^{m} n_i}$$: Average audience

$$\overline{R}_2 = \frac{(\sum_{i=1}^{m} \binom{n_i}{2} R_{2i}) + (\sum_{i=1}^{m-1} \sum_{j=i+1}^{m} n_i n_j R_{ij})}{\binom{N}{2}}$$: Average two-issue audience

Where A_i =audience of vehicle *i*

R_{2i} =two-issue accumulative audience

R_{ij} =net audience of vehicles *i* and *j*

m=number of vehicles

n_i =number of insertions in vehicle *i*

N=total number of insertions

For example, suppose each vehicle has one advertising insertion. The average issue audience and average two-issue audience are calculated as below.

Vehicle	Audience	Two issue audience	Net audience
BHG	13.85%	18.70%	BHG-LHJ 20.17%
LHJ	9.86%	13.59%	BHG-WD 21.63%
WD	11.70%	16.08%	LHJ-WD 18.39%

$$\overline{R}_1 = (.1385+.0986+.1170)/3$$

$$\overline{R}_2 = \frac{(\binom{2}{1}.1870 + \binom{2}{1}.1359 + \binom{2}{1}.1680 + (1)(1).2017 + (1)(1).2163 + (1)(1).1839)}{\binom{3}{2}}$$

Like this, the average issue audience $\overline{R}_1$ and average two-issue audience $\overline{R}_2$ are calculated from book data (e.g., SMRB data), as shown in the above example, and we can get parameters *a* and *b* (from $a = \frac{R_1 (R_1 - R_2)}{R_1^2 + R_2 - 2R_1}$ $b = \frac{a(1-R_1)}{R_1}$).

These parameters *a* and *b* are used in generating reach and frequency figures of the exposure distribution model (e.g., the BBD model).

The distribution itself is expanded using the "*a*" and "*b*" parameters. While the expression for this expansion is not shown in the formula, the pattern of this expansion will become apparent upon examination of the expansions themselves in the calculation.

The numerator for each level of the exposure distribution has as many as beta terms of non-exposures at that level (non at level zero). The only rule is that each time a term is repeated the number 1 must be added to the parameter. The denominator is simply a+b with 1 added to it each time it is used.

The term in front of these is the number of combinations of total insertions taken 0, 1, 2, and 3 and so forth, at a time. This number of combinations at each exposure level is multiplied by the result of dividing the numerator by the denominator at each exposure level.

$$E_k^n = \binom{n}{k} \frac{a(a+1)...(a+k-1)b(b+1)...(b+n-k-1)}{(a+b)(a+b+1)...(a+b+n-1)}$$ = the proportion of

individuals exposed to exactly *k* number of exposures out of total *n* number of insertions.

Suppose there are three vehicles, and each vehicle has one advertising insertion. The exposure distribution estimated by the BBD model is as below:

$$E_0^n = \binom{n}{0} \frac{b(b+1)(b+2)}{(a+b)(a+b+1)(a+b+2)}$$ the proportion of individuals exposed to

exactly 0 number of exposures out of total *n* number of insertions

$$E_1^n = \binom{n}{1} \frac{ab(b+1)}{(a+b)(a+b+1)(a+b+2)}$$ the proportion of individuals exposed to

exactly 1 number of exposures out of total *n* number of insertions

$$E_2^n = \binom{n}{2} \frac{a(a+1)b}{(a+b)(a+b+1)(a+b+2)}$$ the proportion of individuals exposed to

exactly 2 number of exposures out of total *n* number of insertions

$E_3^n = \binom{n}{3} \frac{a(a+1)(a+2)}{(a+b)(a+b+1)(a+b+2)}$ the proportion of individuals exposed to exactly 3 number of exposures out of total *n* number of insertions

Chandon (1976, p.196) enumerated five methods for estimating the beta function parameters (that is α and β parameters) for use with the Beta Binomial Model. These include the methods of mean-zero, minimum chi square, maximum likelihood, least squares and the method of moments. For magazine exposure estimation, the method of moments described above has often been used to estimate beta parameters, since the requisite data are available.

Another technique often used to estimate beta parameters is the mean-zero method. The general mean-zero approach to the estimation of beta parameters was suggested by Anscombe (1950). The method consists of an iterative procedure used to minimize the difference between the estimated and the observed zero frequency figures, given that the observed schedule mean (i.e., the schedule GRPs) agrees with the theoretical mean (Chandon 1976, p.192). One algorithm for the mean-zero process is given thus:

(1) The algorithm begins by selecting an arbitrary value for the exposure parameter alpha.

(2) For this beginning value of α and the mean of the distribution, which is known (equivalent to gross rating points, which may be calculated for any schedule by multiplying insertions by the single-vehicle average audience and summing over all vehicles in the schedule), as well as the total number of insertions, "*n*" the second BBD parameter (the "non-exposure" parameter) β, can be solved for as follows:

$$\beta = \{\alpha(n - GRPs)\} / GRPs$$

(3) The zero cell estimated exposure value can then be generated using any BBD expansion method with the two parameters found above.

(4) The estimated zero cell probability from step (3) above is then compared with the estimated zero cell calculated by subtracting the Hofmans's reach estimate from 1.00.

(5) A new α parameter value is obtained, which is either slightly greater than or less than the original starting α, depending upon whether the zero cell is over or underestimated in step (4) above.

(6) This iterative process is continued until the desired accuracy level for step (4) is obtained. A value within the desired accuracy range serves as the stopping value.

(7) Once the final α and β parameters have been obtained to the desired accuracy from step (6), the complete exposure distribution can be obtained by any number of expansion methods (Chadon 1976).

3.1.2.1.3 The Hofmans Beta Binomial Distribution Model (HBBD)

In the Hofmans Beta Binomial Distribution model, the Hofmans reach was substituted for the beta binomial reach in the BBD. The reach figure is then incorporated into the iterative mean-zero model for determining the beta binomial distribution, described in section 3.1.2.1.2. The strength of the Hofmans Beta Binomial Model is combined with the best aspects of the Beta Binomial Distribution model to produce accurate model (Leckenby and Wedding 1984).

The mathematical expression of the Hofmans model is as follows:

$$R_{nm} = \frac{(\sum_{i=1}^{m} n_i A_i)^2}{\sum_{i=1}^{m} n_i A_i + KD + \sum_{i=1}^{m} kd}$$

Where R_{nm} =reach of *m* vehicles with n insertions in each vehicle

A_i =single insertion audience of vehicle *i*

$KD = \sum \sum n_i n_j K_{ij} A_{ij}$

A_{ij} = between-vehicle duplication of vehicles *i* and *j*

$$\sum kd = \frac{\sum n_i (n_i - 1)^a}{2} (k_i d_i)$$

$K_i = 2 A_i / (2 A_i - d_i)$

d_i =within-vehicle duplication of vehicle *i*

$$a = \frac{\log(\frac{R_n (nR_n - R_n)}{R_2 (2R_1 - R_2)})}{\log(n-1)}$$

R_1 =reach of one insertion of vehicle *i*

R_2 =reach of two insertions of vehicle *i*

R_n =reach of n insertions of vehicle *i*, *n*>2

As implied in the formular, the Hofmans reach requires a single insertion audience (A_i), between vehicle duplication of vehicles "*i*," "*j*," within-vehicle duplication for vehicle *i* and reach of n insertions. The first three required input data are available from survey data, while R_n is generally not reported by the syndicated services. This

requirement beyond a two issue accumulation has been considered a drawback in the Hofmans model.

However, since two insertions are used in all vehicles in this study because of the limitation inherent in the data collection procedure, $\sum kd$ is reduced to: $\sum k_i d_i$

where $k_i = 2 R_1 / R_2$, $d_i = 2 R_1 - R_2$

The reach figure obtained by using the Hofmans reach formula is then incorporated into the iterative mean-zero method for the Beta Binomial Distribution.

3.1.2.2 Multivariate Models

The reach/frequency estimation models discussed here require three types of audience data for each vehicle in the schedule of interest. These values are used to estimate model parameters, which, in turn, are used to generate reach and frequency figures according to model specifications. The types of input data required for each vehicle are: (1) the average-issue audience; and (2) the two-issue accumulative audience, or alternatively, within-vehicle duplication. For each distinct vehicle pair, a third piece of information is needed –(3) the net pairwise audience, or equivalently between-vehicle duplication.

In general, both univariate and multivariate models require the same types and levels of input data. What varies is model complexity and suitability from a theoretical standpoint. Univariate models use the averages of vehicle characteristics for all vehicles in a schedule to develop data for a “composite” vehicle. These average characteristics, then, are used to find univariate model parameters. This type of approach is useful when all vehicles have similar audience characteristics, but the “composite” vehicle is not

representative, and model estimators are not accurate when dissimilar vehicles are included in a schedule.

The exposure distribution can be stated formally as: let X_i be the number of exposures a person has to media vehicle i, $X_i = 0,1,2,\ldots k_i$, $i = 1,2,\ldots m$. The exposure random variable to be modeled is $X = \sum_{i=1}^{m} X_i$, the total number of exposures to a schedule. The media can be magazines, TV, newspapers or radio. Though X is a simple sum of random variables, two non-ignorable correlations make modeling it difficult. One is an intramagazine correlation due to reading loyalty (Danaher 1989), and the other is an intermagazine correlation, where readership of a particular magazine enhances or reduces the chance of readership of another magazine (Chandon 1976).

However, in the multivariate models, the joint distribution of $(x_1, x_2, \ldots x_m)$ is modeled, not just X. Thus, the multivariate models preserve individual vehicle data throughout the estimation process. This approach should, and has proven, to lead to more accurate exposure estimates (Leckenby and Kishi 1984). The practical tradeoffs between the univariate and multivariate approaches involve the ease of implementation and computing time and costs. Their impetus to the development of multivariate models is provided by the fact that a relatively small percentage gain in accuracy may be significant because of the large number of people or dollars it presents (Leckenby and Wedding 1982).

Multivariate models conceptualize exposure to different vehicles as a multivariate process. Parameter estimation processes in these models incorporate separate assumptions about the within-vehicle and between-vehicle duplication processes.

3.1.2.2.1 The Dirichlet Multinomial Distribution Model (DMD)

The Dirichlet Multinomial Distribution model (DMD) is an example of the multivariate models. The DMD is the first multivariate model introduced in the academic area (Leckenby and Kishi 1982). Unlike the univariate distribution models, the DMD model attempts to preserve the individual vehicle heterogeneity. In the DMD model, each vehicle is treated as heterogeneous and the probability of exposure to each vehicle is incorporated to obtain the exposure distribution parameters. That is, $(x_1, x_2, \ldots x_m)$ is modeled with the Dirichlet Multinomial Distribution model. However, the DMD model is limited by the requirement of equal insertions in each vehicle when m exceeds 2 (Danaher 1991).

The general mathematical form of the DMD is expressed as:

$$f(x \mid A, n) = \int_0^1 \int_0^{1-p_0} \ldots \int_0^{1-\sum_{i=0}^{m-2} p_i} f(x \mid p, n) D(p / A) dp_{m-1} \ldots d_{p_1} d_{po}$$

where: $A_i = p_i(S)$ =schedule gross rating points

X= the exposure enumeration vector =$\{ x_o, x_1, \ldots x_m \}$

A =the Dirichlet parameter vector = $\{ A_o, A_1, \ldots A_m \}$

P= the multinomial exposure probability vector =$\{ p_o, p_1, \ldots p_m \}$

Within-vehicle duplication is estimated via the *S* parameter. *S* is the weighted average of the beta parameters (a_i and b_i) for each individual vehicle in the schedule. Within-vehicle duplication is represented by the *A* vector, which contains "*m*" exposure parameters and one non-exposure parameter, A_o.

Let p_i equal the individual probability of exposure to vehicle *i*, which satisfies the following conditions:

$$0 \le p_i \le 1 \qquad \text{3.1.2.2.1 (1)}$$

$$\sum_{i=0}^{m} p_i = 1 \qquad \text{3.1.2.2.1 (2)}$$

The elements of the multinomial exposure vector *P* are "exclusive exposure probabilities" to none, any one, any two, any three, or up to all "m" vehicles. The sum of exclusive probability p_i always adds up to a unity by definition. It has been noted that when m is greater than two, such exclusive probabilities must be estimated. This is discussed as the second problem of the DMD parameter estimation.

In general, the respective elements of the *A* vector are formed by: $\hat{A}_i = \hat{\mu}_i(\hat{S})$

In the above, $f(x \mid p, n)$ is the multinomial distribution and $D(p \mid A)$ is the Dirichlet distribution (Johnson and Kotz 1969). $f(x \mid p, n)$ is the multinomial distribution and the multinomial distribution is expressed as:

$$f(x \mid p, n) = \frac{n!}{x_0! x_1! \ldots x_m!} p_0^{x_0} p_1^{x_1} \ldots p_m^{x_m}$$

The exposure enumeration vector *x* specifies the number of exclusive exposures to none, any one, any two, up to all "*m*" vehicles at "*n*" exposure opportunities. The multinomial yields the probability of exactly "*i*" exposures (*i*=0, *mn*) to a schedule of "*n*" insertions in each of "*m*" vehicles given (*m*+1) probabilities of exposure.

The multinomial probability vector is *D*, which contains the probabilities of (*m*+1) mutually exclusive events. The individual probabilities of exposure are Dirichlet distributed and are expressed as:

$$D(p \mid A) = \frac{\Gamma(A_0 + A_1 + \ldots A_m)}{\Gamma(A_0)\Gamma(A_1)\ldots\Gamma(A_m)} p_0^{A_0 - 1} p_1^{A_1 - 1} \ldots p_m^{Am-1} \qquad \text{3.1.2.2.1 (3)}$$

where: *A*=the Dirichlet parameter vector = { A_o, A_1, … A_m }

In the above model, the p_i variables are random and represent the individual probability of being exposed to none, any one, any two, up to all "*m*" vehicles in a schedule consisting of one insertion in each vehicle. Each p_i value must be between zero and one, and all p_i values must sum to 1.0 (i.e., 100 percent of the audience). That is, the probabilities, p_i satisfy the constraints (3.1.2.2.1 (1), 3.1.2.2.1 (2)). From the stationarity assumption, these probabilities of occurrence of events (no exposure, one exposure, and so forth) are considered constant from trial to trial. It can be seen from equation (3.1.2.2.1 (3)) that p_i has a standard beta distribution with parameters A_i and $\sum_{i=0}^{m} A_j - A_i$. Thus, this distribution is viewed as a multivariate generalization of the beta distribution (Johnson and Kotz 1972). The distribution in equation (3.1.2.2.1(3)) has also been known as the *m*+1 dimensional basic Beta distribution (Maulden 1959) or as the multivariate Beta Binomial distribution (Mosimann 1962). The multinomial exposure in equation (3.1.2.2.1(2)) is given by:

$$f_s(X \mid P, n) = \sum_X \frac{n!}{x_o! x_1! x_2! \ldots x_m!} p_o^{x_o} p^{x_1}{}_1 \ldots p_m^{x_m}$$

where:

$$\sum_{i=0}^{m} x_i = n$$

$$\sum_{i=0}^{m} i x_i = F_j \quad (F_j = 0, \ldots, mn : \text{number of exposures})$$

The multinomial distribution provides the probability of obtaining *X* exposures to a schedule consisting of "m" vehicles with "n" insertions in each. And F_j exposures is obtained from x_i $(x_i \le n)$ occurrences of mutually exclusive events (no exposure, one

exposure, and so forth) in *n* independent repeated trials, where the probability of occurrence of each event is given as p_i. In this formulation, only (*m*+1) estimates of probabilities p_i are required to obtain the final exposure distribution to a schedule of *nm* insertions. Instead of specifying all joint probabilities such as the probability of one exposure to *Better Homes and Gardens* and two exposures to *Reader's Digest*, the DMD model calls for estimating the probabilities of exposure to none, any one, any two, or up to all m vehicles with one insertion in each. Thus, treating the multivariate problem as a univariate one, exclusive probabilities p_i can be estimated from single-insertion audience and pair-wise duplication without calling for higher-order duplication data. This is accomplished by the Steyn univariate multinomial format (Steyn 1956). It must be noted that the present formulation assumes an equal number of insertions, n, in all vehicles. When the actual schedule is non-symmetric ($n_i \neq n_j$), n is set at the maximum number of insertions in the schedule, and estimated exposure distribution must be converted for the actual schedule.

The DMD combines the compound form of the Dirichlet with the multinomial distribution. It can be said briefly that the Dirichlet distribution in DMD corresponds to the beta distribution in BBD, whereas the multinomial distribution corresponds to the binomial distribution in BBD.

Thus, the compounding of the multivariate Dirichlet with the multinomial distribution yields the final form of the DMD exposure model:

$$f(x \mid A, n) = \left(\frac{n!}{x_0!\,x_1!\ldots x_m!}\right) \frac{[\tau \sum_{i=0}^{m} A_i][\prod_{i=0}^{m} \tau(x_i + A_i)]}{[\prod_{i=0}^{m} \tau(A_i)][\tau(n + \sum_{i=0}^{m} A_i)]}$$

$$= \frac{n!}{x_0!x_1!...x_m!} \frac{A_0(A_0+1)(A_0+x_0-1)...A_m(A_m+1)(A_m+x_m-1)}{(A_0+...A_m)(A_0+...A_m+1)...(A_0+A_m+n-1)}$$

where *m*=number of vehicles in the schedule.

3.1.2.2.2 The Canonical Expansion Model (CANEX)

The Canonical Expansion model (CANEX) requires full expansion of the entire joint probability distribution (Danaher 1991). The joint probabilities are found by first forming their value under the hypothesis of random duplication, and then modifying this random probability by the relationship of the correlation of the paired vehicles as well as the relationship of mean and variance of individual vehicle marginal distributions.

The advantage of the Canonical Expansion model over other models such as the Metheringham (1964) BBD model and the DMD model is its simplicity and ease of implementation. However, the limitation of the CANEX model is that is generates negative frequency distributions, though that negative outcome occurred in only .39% of the 1,368,802 estimated probabilities in the sequel (Danaher1991, p.363).

For a schedule consisting of two insertions (k_i =2) in each of *m* vehicles, the joint probabilities of the Canonical Expansion (ignoring all second-order or higher canonical terms, as an empirical test shows that using canonical terms of the second order or higher makes little difference to the estimation accuracy) are given by:

$$f_{x_1,x_2,...x_m}(x_1, x_2, x_m) =$$

$$z_{x_1} \times z_{x_2} \times \ldots z_{x_m} \times \{1 + r_{1,2} \frac{(x_1-\mu_1)(x_2-\mu_2)}{\sigma_1\sigma_2} + \ldots r_{m-1,m} \frac{(x_{m-1}-\mu_{m-1})(x_m-\mu_m)}{\sigma_{m-1}\sigma_m}\} \quad (3.1.2.2.2(1))$$

In the above,

z_{x_i} =the marginal probabilities from the estimated BBD's for each vehicle *i*

x_i = the exposure level of vehicle *i*

$\mu_i = k_i \frac{\alpha_i}{\alpha_i + \beta_i}$: mean of the BBD for vehicle *i*

$\sigma_i^2 = k_i \frac{\alpha_i \beta_i (\alpha_i + \beta_i + k_i)}{(\alpha_i + \beta_i)^2 (\alpha_i + \beta_i + 1)}$: variance for BBD for vehicle *i*

Where k_i =number of insertions in the vehicle *i*, and *i*=1,2,…*m*

$r_{i,j} = \frac{p_{ij} - p_i p_j}{\sqrt{p_i(1-p_i)p_j(1-p_j)}}$: correlation between vehicles *i* and *j*

Where *i*=1,2,…*m*-1, *j*=2,3,…,*m*

p_{ij} =pairwise duplicated audience of vehicle *i* and vehicle *j*

p_i =single insertion audience of vehicle *i*

p_j =single insertion audience of vehicle *j*

and the BBD is given by

$$f_{x_i}(x_i) = \binom{k_i}{x_i} \frac{\Gamma(\alpha_i + \beta_i)\Gamma(\alpha_i + x_i)\Gamma(k_i + \beta_i + x_i)}{\Gamma(\alpha_i)\Gamma(\beta_i)\Gamma(\alpha_i + \beta_i + k_i)}$$

Where: x_i = the exposure level of vehicle *i*, x_i =0,1,2,… k_i

Using the method of moments, the parameters of the BBD are:

$$\alpha_i = \frac{\overline{R}_{1i}(\overline{R}_{2i} - \overline{R}_{1i})}{2\overline{R}_{1i} - \overline{R}_{2i} - \overline{R}_{1i}^2} \text{ and } \beta_i = \frac{\alpha_i(1 - \overline{R}_{1i})}{\overline{R}_{1i}}$$

Where $\overline{R}_{1i}$ =estimated reach of one insertion in vehicle $i = p_i$

$\overline{R}_{2i}$ =estimate reach of two insertions in vehicle $i = c_i$

Finally, the m-dimensional joint probability matrix from (3.1.2.2.2 (1)) is summed along its diagonal to form the final univariate exposure distribution from 0,1,2,…*K* total insertions in the schedule. Where: $K=\sum_{i=1}^{m} k_i$

3.1.2.2.3 The Conditional Beta Distribution Model (CBD)

The advantage of the Conditional Beta Distribution Model (CBD) model is its simplicity and the parsimony of the model, as only two parameters are estimated per vehicle, and they are both used for the between-vehicle and within-vehicle components of the model. However, the limitation of the CBD model is that it generates negative frequency distributions as does the CANEX model.

There are two assumptions in the CBD model. It is assumed that each vehicle's marginal distribution is Beta Binomial. Therefore, each individual in the population is characterized by a personal probability (*p*) of exposure to a given vehicle. In addition, those personal probabilities of exposure are constant across insertions, so that, for a given individual, exposure to each of the n_i insertions in vehicle *i* are equally probable. Those personal probabilities of exposure across insertions in the population are beta distributed.

It is also assumed that exposures by individuals to a given vehicle on the condition they have previously been exposed to one insertion or no insertion in this vehicle, follow a Beta Binomial Distribution. That is, the conditional distributions all follow a Beta Binomial.

The exposure probability is modeled in two parts: (a) the between-vehicle process and (b) the within-vehicle process. Between-vehicle duplication is modeled using a BBD marginal for each vehicle; the resulting joint exposure of one insertion per vehicle is

generated using Danaher's Canonical Expansion process. Within-vehicle duplication is modeled using Conditional BBDs.

When the Conditional BBDs are convoluted and multiplied by the appropriate joint probability from the (0,1) joint probability distribution and collapsed, the final exposure distribution results as follows:

$$f_{s_\tau} = \sum_{(x_{11},\ldots x_m):\sum_{i=1}^{m} x_n \le s_\tau} [P(x_{11},\ldots, x_{m1}) \times \sum_{\{(s_{1,},\ldots s_m):\sum_{i=1}^{m} s_i \le s_\tau\}} \prod_{i=1}^{m} p(s_i \mid x_{i1})]$$

where s_i = the number of insertions of vehicle *i* seen by a person=0,1,2,… n_i

n_i =the number of insertions in vehicle *i*

$$s_\tau = \sum_{i=1}^{m} s_i$$

$$\coprod_{i=1}^{m} P(s_i \mid x_{i1}) = P(s_1,\ldots s_m \mid x_{11,}\ldots x_{m1})$$

It is unnecessary to obtain each complete joint conditional probability matrix. After each pair of vehicles, the resulting convolution can be collapsed and considered as one vehicle to be convoluted with the next vehicle in the joint conditional expansion. The order of the convolution across vehicles makes no difference in the resulting univariate collapsed conditional distribution. It is, in fact, equivalent to the collapsed full joint expansion. This alleviates the computational burden inherent in all joint expansion exposure models.

The parameters (α and β) of within-vehicle Conditional BBDs are estimated as for any vehicle, by the methods of moments (Chandon 1976). The parameters of marginal BBD's for Canonical Expansion are the α and β for each vehicle. Therefore, only two

parameters are estimated per vehicle, and they are both used for the between vehicle and within-vehicle components of the model. This fact ensures the simplicity and parsimony of the model. The process of pairwise convolutions and collapsing conditional distributions also alleviates the computational burden. Therefore, the computing time of the CBD model is much shorter than the CANEX.

Considering the between-vehicle dependency at the first few exposure levels, the zero cell will be non-randomly convoluted. To do this, the final zero cell (no exposure distribution) with full insertions of a given schedule considered, is estimated independently by using any existing media exposure model (e.g., CANEX). Then the probability distribution, after convolution and multiplied by joint probability for zero cell, is non-randomly convoluted to adjust to the final zero cell. All remaining cells of (0,1) joint probability are expanded by the procedure explained above (Kim 1994).

3.1.2.3 Aggregation Models

Aggregation models utilize the concept of aggregation. This concept has been developed to overcome the dimension explosion problem of the true multivariate exposure distribution methods (Leckenby 1987). This approach utilizes a known reach formula to estimate the reach of the first two vehicles to be aggregated or combined into one new pseudo vehicle. The new combined vehicle is then aggregated with a third to produce another pseudo vehicle. This procedure is iterated until all vehicles are aggregated.

3.1.2.3.1 The Morgensztern Sequential Aggregation Model (MSAD)

Leckenby and Rice (1986) and Leckenby and Hsu (1987) developed a sequential aggregation model called the 'Morgensztern Sequential Aggregation Model (MSAD).' This model was developed to overcome the 'declining reach' phenomenon which is common in other models. Declining reach is thought to be caused by the indiscriminate average of within- and between-duplications across vehicles. This model utilizes the Morgensztern reach formula, which is known to alleviate the "declining reach" problem by not indiscriminately averaging within-and between duplications. The MSAD model has advantages over the BBD in that it does not involve indiscriminate average of within- and between-duplications across vehicles.

Morgensztern's formula is essentially a modified form of the Hofmans model which preserves in the estimation process the cumulative reach of each vehicle in the schedules. In this model, each vehicle is extended, using the binomial distribution, and the first two vehicles are combined into a new pseudo vehicle using the Morgensztern reach. The "new" vehicle, is then convoluted with the third vehicle using the same procedure. This process is iterated until all vehicles are exhausted. The extended exposure distribution of each vehicle is convoluted, using the Morgenzstern reach (Morgenzstern 1970).

Leckenby and Rice (1986) conducted studies on declining reach and found that the MSAD model outperformed the BBD and the HBBD models in terms of reducing the declining reach phenomenon.

In the MSAD model, three distinct probability components are employed: (1) the Beta Binomial Distribution (BBD), (2) the Morgensztern reach estimation model, and (3) the non-random convolution of univariate distributions (Lee 1998).

The BBD is utilized to estimate the probability of exposure to x=1,2,… n_i insertions in each vehicle i of m vehicles in the media schedule. It is assumed that each individual has a probability p_i of exposure to each vehicle, and of the n_i insertions in the vehicle, and the individual's probability of being exposed to k of the n_i insertion is distributed as beta (k, n_i , p_i).

Reach of two or more vehicles is estimated via the Morgensztern reach model at each aggregation step. The procedure can be expressed as follows:

$$R_m = \frac{(\sum_{i=1}^{m} R_{ni})^2}{\sum_{i=1}^{m} R_{ni} + \sum_{i=1}^{m-1} \sum_{j=i+1}^{m} (k_{ij} A_{ij} R_{ni} R_{nj} / A_i A_j)} \quad \text{(3.1.2.3.1 (1))}$$

where A_i = the average audience of vehicle i

A_{ij} =duplication between vehicle i and vehicle j

R_{ni} =cumulative reach of vehicle i after n insertions

and $k_{ij} = \frac{A_i + A_j}{A_i + A_j - A_{ij}}$

As shown above, the Morgensztern formula preserves in the estimation process the cumulative reach (the probability of exposure to one or more of n_i insertions) of each vehicle in the schedule. The Morgensztern formula also preserves the complete information about pairwise duplication in the estimation process. It is therefore substantially less subject to the "declining reach" phenomenon (Leckenby and Rice 1986; Leckenby and Hsu 1987).

The reach of a schedule with *N* insertions total on overall vehicles is estimated according to the inclusion/exclusion principle suggested by Takacs (1967) to account for the higher tuplication process as a summation of an infinite geometric series, as follows: $R_N = s_1 - s_2 + s_3 ... \pm s_N$ where s_i = the sum of the *i*-th tuplication within and between vehicles. The inclusion/exclusion principle is applied in Morgenzstern's approach by viewing the process as a summation of an infinite geometric series (Hofmans 1966) where each s_i is modified by the relationship of total gross audience (s_1) to total duplication (s_2).

The final probabilistic component in MSAD involves the application of convolutions in a non-random manner. Given the frequency distributions for the pair of vehicles, *f(x)* and *f(y)*, at each aggregation step, the MSAD then applies the convolution process; collapsing the two frequency distributions to form one. In other words, if *x* and *y* are independent random variables with probability distributions f($x=j$)= a_j and f($y=k$)= b_k , then each element of a new distribution ($x=j, y=k$) has the probability $a_j b_k$. The sum $Z=x+y$ is a new random variable and the event $Z=r$ is the union of mutually exclusive events:

$$(x=0, y=r), (x=1, y=r-1),\ldots,(x=r, y=0)$$

Therefore, each element of the distribution of ($Z=r$)= c_r for the symmetric case, for example, is given by:

$$c_r = a_o b_r + a_1 b_{r-1} + a_2 b_{r-2} + ...a_{r-1} b_1 + a_r b_0 \quad (3.1.2.3.1\ (2))$$

where c_r =exposure probability for the convoluted distribution

The sequence in (3.1.2.3.1 (2)) is called a "convolution."

In MSAD it is specifically not assumed that *f(x)* and *f(y)* are independent distributions, since each of these arises by combining the audiences of several vehicles which may be correlated, i.e., possess within-and/or between-vehicle duplication.

To provide for a non-random convolution, the zero cell element in the two-dimensional matrix formed in MSAD prior to the summation given in (3.1.2.3.1 (2)) is replaced by $a_0 b_r$ with complement (*Rm*), which is a departure from the reach of two or more vehicles which, would be found under the assumption of vehicle independence.

$a_0 b_r$ =non-exposure to the first vehicle for the pair and *r* exposure to the second

Since the sum of probabilities for all exposure levels should equal one ($\sum c_r = 1.0$), the remaining cells must be conformed to the non-random zero cell. This is done in the MSAD by modifying c_r into c_{nr},which is calculated by applying a ratio (*RA*):

$$c_{n_i r_j} = c_r / RA \text{ where } RA = \frac{(1 - R_{n_i})(1 - R_{n_j})}{s_2} \quad (3.1.2.3.1\ (3))$$

where *RA*: the ratio of random to actual duplication

Adjusting c_r by *RA* at this point ensures that the sum of duplication in the resulting matrix c_{nr} will be equivalent to s_2, which corresponds to the non-random reach estimate from (3.1.2.3.1 (1)). Each element of duplication in c_r is modified by *RA* to provide a non-random element of c_{nr}.

While each element of duplication in c_r is modified as described above, the non-duplication cells (e.g., exposure to no insertions in the first vehicle and any number of insertions, up to n_i in the second vehicle) of c_r must be adjusted as well, to maintain the integrity of the marginals of the resulting matrix.

Adjustment for these cells is done by applying *RA* to conformed marginals derived for *f(x),* for example:

$$f_c(x = j) = a_j = R_m - 1 + RA \quad \text{(3.1.2.3.1 (4))}$$

where: f_c is the converted distribution

Finally, after replacing the zero cell of c_{nr} with (1- R_i), the resulting two dimensional, non-random convoluted matrix from this process can be summed along its diagonals to form a univariate non-random probability distribution:

$$f(w) = \sum_x \sum_y c_{n_r} \quad \text{(3.1.2.3.1 (5))}$$

The above three probabilities for components are employed in the following sequential algorithm to calculate the MSAD distribution.

1. First, the order of the most advantageous aggregation of vehicles is determined, based on the size of net audience of each possible pair of vehicles (with the larger entering first).
2. Next, the combined reach, R_2, of the first two vehicles is found via (3.1.2.3.1 (1)).
3. The BBD is used to extend each vehicle *i* to its proscribed number of insertions, n_i, resulting *f(x)* or *f(y)*.
4. The two univariate distributions, *f(x)* and *f(y),* of each extended vehicle are collapsed as in equations (3.1.2.3.1 (2)) – (3.1.2.3.1 (5)) discussed above.
5. Then the combined reach of the first two vehicles already included and the (new) third vehicle is determined via (3.1.2.3.1 (1)).

6. The collapsed distribution from step 4 is then non-randomly convoluted (cf. equations (3.1.2.3.1 (2)) – (3.1.2.3.1 (5))) with the univariate BBD for the third vehicle, to conform to the reach found for these vehicles in step 5.
7. Steps 2 -6 are repeated until all *m* vehicles in the schedule have been aggregated and the final collapsed univariate distribution in (3.1.2.3.1 (5)), *f(w)*, is obtained.

3.2 Limitations of Previous Reach/Frequency Estimation Models

Although many acceptable reach/frequency estimation models are available, they have some limitations in the assumptions of models. Thus, there still remains room for making up for the limitations of the existing models and for increased estimation accuracy. To achieve accuracy levels greater than those of the existing models, an approach incorporating individual vehicle characteristics must be pursued. This has been demonstrated by the superior performance of multivariate models.

The univariate models, such as the BIN, BBD, and HBBD, are generally criticized because of their unrealistic assumptions of a homogeneous vehicle, which cause the limitation that they are not able to explain the correlations between vehicles.

Compared to univariate models, the multivariate models, such as the DMD, CANEX, and CBD, have theoretically solid assumptions and increase the performance of accuracy of reach/frequency estimation (Leckenby and Kishi 1982, 1984; Rust and Leone 1984; Boyd 1985) but also have some practical limitations in computing time and costs and in complexity of the implementation (Boyd 1985). In addition, these multivariate models require an equal number of insertions (e.g., DMD) and some of them generate negative frequency distributions (e.g., CANEX and CBD).

On the other hand, the aggregation models such as the MSAD reduces the declining reach problem; 9.0% of the tested schedules showed the declining reach in MSAD, while 15.8% of the schedules tested showed the declining reach in BBD. Thus, the MSAD model has advantages over the BBD in that it reduces the declining reach problem by utilizing a different reach estimation method and sequential aggregation method, but it still does not eliminate declining reach problem.

CHAPTER 4

NEW APPROACH TO REACH/FREQUENCY ESTIMATION MODEL: THE MULTIVARIATE BETA BINOMIAL DISTRIBUTION MODEL

This chapter gives an overview of a Multivariate Beta Binomial Distribution model (MBD) based algorithm and its logic flow, designed for the purpose of estimating reach and frequency in advertising vehicles with multiple inserts.

4.1 Description of the Multivariate Beta Binomial Model

The Multivariate Beta Binomial Distribution model (MBD) employs three probability components: (1) Hyett (1958)'s Beta Distribution, (2) Waring (1792)'s Theorem and (3) the Greene (1970)'s Personal Media Probabilities method (1971).

The first probability component employed in this study is Hyett (1958)'s Beta Distribution. Instead of merely fitting some empirical formula to the survey data, we should start with a theory about the underlying population structure. In effect, empirical formulas deal with average population probability, whereas a proper theory deals with the distribution of probabilities among the individuals within the population. In other words, we should start with a rational and consistent theory about people and then fit it to the manifest survey data. Hyett (1958) first suggested the use of the Beta Distribution (a true probability distribution) to model *f(p)*.

$$f(p),\ 0 \leq p \leq 1$$

Each person in the population has some probability of exposure between zero and one, and the number of people with each probability value is some unknown function of p, denoted *f(p)*.

The advantages gained by using a true probability distribution like the Beta Distribution, defined on the [0,1] interval, to represent population heterogeneity are the following: First, a probability distribution is everywhere positive in its interval of definition; thus, logical errors like negative populations for some probability levels are impossible. Second, the area under the distribution adds up to unity; therefore, absurd outcomes, like a reach greater than the total population, are prevented. Thus, representing *f(p)* by a probability distribution prevents illogical and nonsense results (Chandon 1976).

Further, the Beta Distribution suggested by Hyett (1958) is flexible. It can be symmetrical or asymmetrical, left-skewed or right skewed (Chandon 1976, p.179). The Beta Distribution also requires only two parameters to describe each medium, thus permitting audience extensions from only two units observed in the field. It is a fundamental probability distribution, logically and intuitively compelling, related to the binomial and normal distributions, mathematically tractable, with other recognized applications (Greene and Stock 1967).

Assuming that *f(p)* is beta distributed, the frequency distribution of exposures, then, follows a simple, tractable compound distribution, namely the Beta Binomial Distribution. It has also been found that the choice of the Beta Distribution for *f(p)* generates cumulative reach and frequency distributions that correspond very well to actual data. This point, which has been emphasized by Greene and Stock (1971), has become very well recognized by the advertising and the publishing industries.

Another probability component employed in this study is the Waring (1792)'s Theorem. The core of the exposure distribution methodology is the inclusion/exclusion principle in probability theory (Riorden 1958; Takacs 1967; Feller 1968).

The inclusion/exclusion principle takes the following form:

If v is even:

$$S_v = \sum_{i=1`}^{v-1} (-1)^{i+1} S_i - \sum R_v / m$$

If v is odd:

$$S_v = \sum_{i=1`}^{v-1} (-1)^{i} S_i + \sum R_v / m$$

where: S_v =Sum of vth tuplication

$\sum R_v / m$ =Sum of reach of all combinations of *v* number of vehicles out of *m* total number of vehicles in schedule

Note: S_1 = Sum of vehicles audiences given in input data

S_2 = Sum of duplications given in input data

The probability of exactly *i* exposures is then given by Waring's theorem (Waring 1792). In this study, this Waring's Theorem is adopted to determine from the given data the probability of exposure to each possible distinct combination of vehicles. For *v* vehicles there will be 2^v such combinations: exposure to none, exposure to A but not B or C, exposure to A and B but not C, and so forth. This is done by first finding the partial sums for each combination, and then finding the unique portion by eliminating overlap, with Waring's method.

Let S_i denote the sum of *i*-tuplications among a set of *N* events ($1 \le i \le N$). The probability P_1 that at least one among *N* events occurs is given by the Inclusion/Exclusion Principle (Feller 1968):

$$P_1 = S_1 - S_2 + S_3 - S_4 + ... \pm S_N$$

where P_1 = the probability that at least one event occurs

The probability $P_{[i]}$ that exactly *i* events occur is given by the Waring's Theorem (Waring 1792)

$$E_i^N = P_{[i]} = S_i - \binom{i+1}{i} S_{i+1} + \binom{i+2}{i} S_{i+2} - ..... \pm \binom{N}{i} S_N$$

And, the probability $P_{[0]}$ that none among *N* events occurs is given by:

$$P_{[0]} = 1 - P_1$$

or,

$$P_{[0]} = 1 - S_1 + S_2 - S_3 + S_4 - ... \pm S_N$$

The binomial coefficient $\binom{n}{r}$ used in equation $E_i^N = P_{[i]} = S_i - \binom{i+1}{i} S_{i+1} + \binom{i+2}{i} S_{i+2} - ..... \pm \binom{N}{i} S_N$ represents how many times each *i* – tuplet S_i is counted to define an exclusive probability of *i* events. In general, a binomial coefficient stands for the number of combinations that *r* among *n* things ($r \le n$) occur.

$$\binom{n}{r} = \frac{n!}{r!(n-r)!}$$

where: $n! = n(n-1)(n-2)..1$

The sum of *i* – tuplications S_i is expressed as :

$$S_i = \sum_{K=i}^{N} \binom{k}{i} p_{[i]}$$

In sum, unduplicated reach and exposure distribution can be estimated by the following, where the only known quantities are gross audience, S_1, and the sum of duplications S_2.

$$R = P_1 = S_i - S_2 + S_3 - S_4 + ... \pm S_N$$

$$E_i^N = P_{[i]} = S_i - \binom{i+1}{i} S_{i+1} + \binom{i+2}{i} S_{i+2} - ..... \pm \binom{N}{i} S_N$$

where: R = unduplicated reach

E_i^N =proportion or number of people in the target market who are exposed exactly *i* out of *N* times

The other probability component employed in this study is the Greene (1970)'s Personal Media Probabilities concept. The probability of an event A conditional on another event B is generally different from the probability of B conditional on A. However, there is a definite relationship between the two and Bayes' Theorem is the statement of that relationship.

$$p(A|B)=\frac{p(B\mid A)\,p(A)}{p(B)} \text{ (Bayes' Theorem)}$$

where: $p(A|B)$=posterior probability: It is called the posterior probability because it is derived from or depends upon the specified value of B; $p(A)$= the likelihood; $p(B)$=marginal probability

The prior probability of p (individual i's probability of having an exposure to a vehicle) is called "personal probabilities," and this term is applied to the beta distribution of individual i's probabilities in each cell of the exposure distribution.

The beta distribution with parameters α', β' can be expanded as a beta binomial distribution with parameters α', β', n insertions to provide the probabilities of exposure to each insertion for each frequency cell.

The parameters of the Beta Function are estimated by the "method of moments" solutions.

$$(\alpha+\beta)=\frac{\overline{A}-\overline{d}_w}{\overline{d}_w-\overline{A}^2}$$
$$\alpha=\overline{A}(\alpha+\beta)$$
$$\beta=(\alpha+\beta)-\alpha$$

where $\overline{A}$ =average single insertion
d_w =within-vehicle duplication
and $\alpha'=\alpha+x$, $\beta'=\beta+n-x$ where x=insertion level n=total number of insertion (Greene and Stock 1967).

In media applications, the beta distribution accommodates itself to the unique distribution of probabilities which characterizes population behavior toward a particular medium. Cumulation and repetition, loyalty and switching and frequency – all are encompassed by this simple comprehensive model, and described by its two parameters (Greene and Stock 1967).

The Multivariate Beta Binomial Distribution model (MBD) developed in this study employs these three probability components described above: (1) Hyett (1958)'s Beta Distribution, (2) Waring's Theorem (1792), and (3) the Greene (1970)'s Personal Media Probabilities method (1971).

In short, the development of the MBD model can be said to be a further step in the multivariate approach to the Beta Binomial Distribution Model (BBD). Over the last forty years, the BBD has been the most accurate model for one vehicle and the most widely used model in practice (Leckenby and Kishi 1982; Kim and Leckenby 2001), but the problem for the BBD is that it is not able to explain the correlation between vehicles. However the MBD model developed in this study is designed to make up for a defect of the univariate BBD, so that it works well for multiple vehicles, and, consequently, can explain the correlation between vehicles. In addition, the MBD is designed to work with advertising vehicles which have any number of insertions.

4.2 A Numerical Examples of the Multivariate Beta Binomial Distribution Model

The following numerical example gives an overview of a Multivariate Beta Binomial Distribution (MBD)-based algorithm and its logic flow designed for the purpose of estimating reach and frequency in advertising in multiple vehicles with

multiple inserts. The concept of the computational algorithm and the basis for its design can be illustrated with a small example. For this purpose, consider a system of 3 vehicles (A,B,C) with 2 inserts, 1 insert, and 3 inserts, respectively.

1.Given Data

Vehicles	Audience	Cume	Within dups	Nets	Between dups	Inserts
A	.146	.191	.101	.224	.032(A-B)	2
B	.110	.590	.061	.335	.063(A-C)	1
C	.252	.318	.186	.321	.041(B-C)	3

The algorithm procedure systematically goes through several sequential steps, the first of which is to import the given data. The data for this example are taken from the 1979 SMRB publication. The next step is to determine from the given data the probability of exposure to each possible distinct combination of vehicles. This is a matrix with 2^v rows and *m* columns where: *v*= number of vehicles in the schedule (example: *v*=3). For *v* vehicles there will be 2^v such combinations: exposure to none, exposure to A but not B or C, exposure to A and B but not C, and so forth.

This is done by first finding the partial sums for each combination, and then finding the unique portion by eliminating overlap with Waring's method. The partial sums for combinations consisting of one vehicle are assumed to be the audience for the particular vehicle and the partial sums for combinations consisting of two vehicles are assumed to be the between-dups value for the particular pair. The partial sums of all combinations consisting of 3 or more vehicles are imputed by assuming a Beta Binomial Distribution based on reach.

2. Form the 2^v joint 0,1 matrix when *v*=number of vehicles in the schedule:

A. Use mean BBD to estimate all tuplications greater than 2. In this example there are only 3 vehicles, so only triplication needs to be considered:

First, the original parameters for the BBD method need to be determined:

(1) $\overline{A}$ =(.146+.110+.252)/3=.169 (Mean of one vehicle partial sums)
$\overline{d}_B$ =(.032+.063+.041)/3=.045 (Mean of two vehicle partial sums)

Next, the derived parameters, based on the original parameters are calculated based on the development of the two parameters of the BBD (Greene and Stock 1967) (See Appendix A for the details of the estimation of two parameters of the BBD via Greene & Stock's (1967) Method):

$$(2)\ \alpha+\beta=\frac{\overline{A}-\overline{d}_B}{\overline{d}_B-\overline{A}^2}=\frac{.169-.045}{.045-(.169)^2}=7.294$$

$$\alpha=\overline{A}(\alpha+\beta)=1.233$$

$$\beta=(\alpha+\beta)-\alpha=6.061$$

(3) Expand the BBD to get the n^{th} tuplication, in this case the 3rd:

$$\binom{3}{0}\frac{6.061(7.061)(8.061)}{7.294(8.294)(9.294)}=.612$$

$$\binom{3}{1}\frac{1.233(6.061)(7.061)}{7.294(8.294)(9.294)}=.028$$

$$\binom{3}{2}\frac{1.233(2.233)(6.061)}{7.294(8.294)(9.294)}=.089$$

$$\binom{3}{3}\frac{1.233(2.233)(3.233)}{7.294(8.294)(9.294)}=.016$$

B. Make enumeration, and, using Waring's theorem, find all joint probabilities. In certain calculations it is necessary to list all the elements in a big set. The sets grow exponentially in *n*. Thus, enumeration algorithms are useful for small or moderately small values of *n*. Here the enumeration algorithm is used. This involves an iterative process, where, for example, the probability of exposure to a single vehicle exclusively is

determined from its audience, less the overlaps (between-dups) with all other vehicles. However, the overlaps themselves can overlap with each other, so that the secondary overlap must be removed from the primary overlap, and so forth.

(A and not B and not C) = A – ((A,B) + (A,C) – (A,B,C))

or equivalently (A and not B and not C) = A – (A,B) – (A,C) + (A,B,C)

A	B	C	
0	0	0	.612
0	0	1	.164*
0	1	0	.053
0	1	1	.025
1	0	0	.068
1	0	1	.047
1	1	0	.016
1	1	1	.016
Total			1.001**

*.164= .252 – .041 – .063 + .016

** the summation is 1.001 (approximately 1), because of round off error, so we have the need for multiple precision arithmetic

A. Inclusion/Exclusion Principle: $R_v = S_1 - S_2 + S_3 + ...S_v$

The reach of *v* vehicles (R_v) when S_i =sum of the *i* tuplications

e.g.) $R_3 = S_1 - S_2 + S_3$ = (.164+.053+.068) – (.025+.047+.016) + .016 =.213

3. The third step is to distribute the univariate probabilities, which consider exposure to vehicles without regard to the number of issues, among the various possibilities for levels of issue exposure. Each vehicle can have exposure levels from zero up to the number of its inserts. This expansion within each vehicle is also based on a Beta Binomial Distribution using within-dups values. The expansion is done in reverse order, with the last vehicle, in this case C, being expanded first.

A. Expand C to 0,1,2,3

Marginal C: $(\alpha + \beta)_c = \frac{\overline{A} - \overline{d}_w}{\overline{d}_w - \overline{A}^2} = \frac{.252 - .186}{.186 - (.252)^2} = .539$

$$\alpha_c = \overline{A}(\alpha+\beta)_c = .252(.539) = .136$$
$$\beta_c = (\alpha+\beta)_c - \alpha_c = .539 - .136 = .403$$

where $\overline{A}$ =average audience of vehicle c, $\overline{d}_w$ =within duplication of vehicle i

(4) Expand the marginal of C to 0,1,2,3

$$\binom{3}{0}\frac{.403(1.403)(2.403)}{.539(1.539)(2.539)} = .645 \text{ (0 inserts)}$$
$$\binom{3}{1}\frac{.136(.403)(1.403)}{.539(1.539)(2.539)} = .110 \text{ (1 insert)}$$
$$\binom{3}{2}\frac{(.136)(1.136).403}{.539(1.539)(2.539)} = .089 \text{ (2 inserts)}$$
$$\binom{3}{3}\frac{.136(1.136)(2.136)}{.539(1.539)(2.539)} = .153 \text{ (3 inserts)}$$

A system of simultaneous equations is used for obtaining exposure relative to other vehicles. The parameter *C* is the ratio of the joint probability distribution value to marginal distribution probability value and a parameter *b* is derived from *C* and BBD parameters α and β. A third parameter *a* is merely the complement of *b*, i.e., (1-*b*), and thus not an independent parameter (See Appendix B for the details of the derivation of the direct solution of MBD simultaneous equations).

B. For "0" exposure to the other 2 vehicles

A	B	C	
0	0	0	.612
0	0	1	.164

(1) Allocation of BBD to 0,1, of A,B

Calculate *C*:

a. *C*=(the second row probability (the joint distribution))/(the sum of two rows probability (the marginal distribution))

b. Calculate "*b*"

$b = C[(\alpha+\beta)_c + 1] - \alpha_c$

a=1.000-*b*

where:

$(\alpha+\beta)_c = \frac{p_i - d_i}{d_i - (p_i)^2}$ and $\alpha_c = p_i(\alpha+\beta)_c$ where p_i =audience of vehicle *i*; d_i =within duplication of vehicle *i*

C=.164/.776=.211
b=.211 (.539+1)-.136=.189
a=1.000-b=.811

c. Test for data consistency check of C

If $C < \frac{\alpha B}{(\alpha B + \beta B + 1)}$, *then* $C = \frac{\alpha B}{(\alpha B + \beta B + 1)}$

and if $C > \frac{\alpha B + 1}{(\alpha B + \beta B + 1)}$, *then* $C = \frac{\alpha B + 1}{(\alpha B + \beta B + 1)}$

*Note: The conditonal probability noted *C* above is constrained in the mbd model so that it cannot be greater than or less either of the two marginal probabilities expressed above by the upper and lower bounds on *C* using the BBD parameters of each marginal

Do *p*(1) and *p*(2) expansion: Get *p*(0) and *p*(1) allocation of marginal:

p(0) allocation=the marginal distribution × *a*
p(1) allocation=the marginal distribution × *b*

	P(0) extension	P(1) extension	Total
0	.830(.629)=.522	.098(.147)=.014	.536
1	.100(.629)=.063	.140(.147)=.021	.084
2	.046(.629)=.029	.212(.147)=.031	.060
3	.024(.629)=.015	.550(.147)=.081	.096
	.776(.811)=.629	.776(.189)=.147	.776

Get each row of *p*(0) and *p*(1) expansion. Generate *p*(0) BBD extension:
$\alpha_0 = \alpha_c + 0\,;\, \beta_0 = \beta_c + 1 - 0$

[See Appendix C for the details of the beta parameters for each cell]

$$\binom{3}{0}\frac{\beta_0(\beta_0+1)(\beta_0+2)}{(\alpha_0+\beta_0)(\alpha_0+\beta_0+1)(\alpha_0+\beta_0+2)} = d$$

$$\binom{3}{1}\frac{\alpha_0(\beta_0)(\beta_0+1)}{d}$$

$$\binom{3}{2}\frac{\alpha_0(\alpha_0+1)(\beta_0)}{d}$$

$$\binom{3}{3}\frac{\alpha_0(\alpha_0+1)(\alpha_0+2)}{d}$$

For the above table:

$P(0)$

α_0 =.136+0=.136

$\beta_0 = .403+1-0 = 1.403$

$\alpha_0 + \beta_0 = 1.539$

$$\binom{3}{0}\frac{1.403(2.403)(3.403)}{1.539(2.539)(3.539)} = .830$$

$$\binom{3}{1}\frac{.136(1.403)(2.403)}{1.539(2.539)(3.539)} = .100$$

$$\binom{3}{2}\frac{.136(1.136)(1.403)}{1.539(2.539)(3.539)} = .046$$

$$\binom{3}{3}\frac{.136(1.136)(2.136)}{1.539(2.539)(3.539)} = .024$$

Generate $p(1)$ BBD extension:

$\alpha_0 = \alpha_c + 1$

$\beta_0 = \beta_c + 1 - 1$

$P(1)$

α_1 =.136+1=1.136

$\beta_1 = .403+1-1 = .403$

$\alpha_1 + \beta_1 = 1.539$

$$\binom{3}{0}\frac{.403(1.403)(2.403)}{1.539(2.539)(3.539)} = .098$$

$$\binom{3}{1}\frac{1.136(.403)(1.403)}{1.539(2.539)(3.539)} = .140$$

$$\binom{3}{2}\frac{1.136(2.136)(.403)}{1.539(2.539)(3.539)} = .212$$

$$\binom{3}{3}\frac{1.136(2.136)(3.136)}{1.539(2.539)(3.539)} = .055$$

A	B	C	Total
0	0	0	.536
0	0	1	.084
0	0	2	.060
0	0	3	.096
			.776

C. Expand below to 0,1,2,3 for C

A	B	C	
0	1	0	.053
0	1	1	.025

(1) Allocation of BBD to 0,1, of A,B
C=.025/.078=.320
b=.320(.539+1)-.136=.357
a=1.000-b=.643

d. Test for data consistency check of *C*

$$\textit{If } C < \frac{\alpha B}{(\alpha B + \beta B + 1)}\textit{, then } C = \frac{\alpha B}{(\alpha B + \beta B + 1)}$$

$$\textit{and} \quad \textit{if } C > \frac{\alpha B + 1}{(\alpha B + \beta B + 1)}\textit{, then } C = \frac{\alpha B + 1}{(\alpha B + \beta B + 1)}$$

	P(0) extension	P(1) extension	Total
0	.830(.050)=.041	.098(.028)=.003	.044
1	.100(.050)=.006	.140(.028)=.004	.010
2	.046(.050)=.002	.212(.028)=.006	.008
3	.024(.050)=.001	.550(.028)=.015	.016
	.078(.643)=.050	.078(.357)=.028	.078

A	B	C	Total
0	1	0	.044
0	1	1	.010
0	1	2	.008
0	1	3	.016
			.078

D. Expand below to 0,1,2,3 for C

A	B	C	
1	0	0	.068
1	0	1	.047

(1) Allocation of BBD to 0,1, of A,B
C=.047/.114=.412

b=.412(.539+1)-.136=.498
a=1.000-b=.502

e. Test for data consistency check of *C*

If $C < \frac{\alpha B}{(\alpha B + \beta B + 1)}$, *then* $C = \frac{\alpha B}{(\alpha B + \beta B + 1)}$

and *if* $C > \frac{\alpha B + 1}{(\alpha B + \beta B + 1)}$, *then* $C = \frac{\alpha B + 1}{(\alpha B + \beta B + 1)}$

	P(0) extension	*P*(1) extension	Total
0	.830(.057)=.047	.098(.057)=.006	.053
1	.100(.057)=.005	.140(.057)=.008	.013
2	.046(.057)=.002	.212(.057)=.012	.014
3	.024(.057)=.003	.550(.057)=.031	.034
	.114(.502)=.057	.114(.498)=.057	.114

A	B	C	Total
1	0	0	.053
1	0	1	.013
1	0	2	.014
1	0	3	.034
			.114

E. Expand below to 0,1,2,3 for C

A	B	C	
1	1	0	.016
1	1	1	.016

(2) Allocation of BBD to 0,1, of A,B
C=.016/.032=.500
b=.500(.539+1)-.136=.634
a=1.000-.634=.366

f. Test for data consistency check of *C*

If $C < \frac{\alpha B}{(\alpha B + \beta B + 1)}$, *then* $C = \frac{\alpha B}{(\alpha B + \beta B + 1)}$

and *if* $C > \frac{\alpha B + 1}{(\alpha B + \beta B + 1)}$, *then* $C = \frac{\alpha B + 1}{(\alpha B + \beta B + 1)}$

	P(0) extension	*P*(1) extension	Total
0	.830(.012)=.010	.098(.020)=.002	.012
1	.100(.012)=.001	.140(.020)=.003	.004
2	.046(.012)=.001	.212(.020)=.004	.005
3	.024(.012)=.001	.550(.020)=.011	.011
	.032(.366)=.012	.032(.634)=.020	.032

A	B	C	Total
1	1	0	.012
1	1	1	.004
1	1	2	.005
1	1	3	.011
			.032

For *C*=0,1,2,3 joint distribution from 3A-3E

	A	B	C	Total
1	0	0	0	.536
2	0	0	1	.084
3	0	0	2	.060
4	0	0	3	.096
5	0	1	0	.044
6	0	1	1	.010
7	0	1	2	.008
8	0	1	3	.016
9	1	0	0	.053
10	1	0	1	.013
11	1	0	2	.014
12	1	0	3	.034
13	1	1	0	.012
14	1	1	1	.004
15	1	1	2	.005
16	1	1	3	.011

We have above the joint distribution expanded thus far for vehicle C= 0,1,2,3 insertions. We next collapse and re-arrange to ease the computational burden (Rule: expand the second-to-last vehicle, then sum with the last into one collapsed pseudo-vehicle. The pseudo-vehicle then becomes the new last vehicle.

Expand next vehicle using pseudo-vehicle joints so far). In this example we expand B (no change because there is only one insert) and collapse with C to form BC, then expand A and collapse with BC to form ABC.

4. Sum and re-arrange cells so that the next vehicle is expanded. Vehicle A runs its subscript the fastest:

	A	BC	Joints
1	0	0	.536
2	1	0	.053
3	0	1	.128
4	1	1	.025
5	0	2	.070
6	1	2	.018
7	0	3	.104
8	1	3	.039
9	0	4	.016
10	1	4	.011

A. Expand to 0,1,2 insertions above, using the multivariate beta procedure

$$\alpha_A + \beta_A = \frac{\overline{A} - \overline{d}_W}{\overline{d}_W - \overline{A}^2} = \frac{.146 - .101}{.101 - (.146)^2} = .562$$

$$\alpha_A = .146(.562) = .082$$

$$\beta_A = .562 - .082 = .480$$

A	BC	
0	0	.536
1	0	.053

C=.053/.589=.090
b=.090(.539+1)-.082=.058
a=1.000-.058=.942

g. Test for data consistency check of C

$$\text{If } C < \frac{\alpha B}{(\alpha B + \beta B + 1)}, \text{ then } C = \frac{\alpha B}{(\alpha B + \beta B + 1)}$$

$$\text{and} \quad \text{if } C > \frac{\alpha B + 1}{(\alpha B + \beta B + 1)}, \text{ then } C = \frac{\alpha B + 1}{(\alpha B + \beta B + 1)}$$

A	$P(0)$	$P(1)$	Total
0	.917(.555)=.509	.178(.034)=.006	.515
1	.061(.555)=.034	.260(.034)=.009	.043
2	.022(.555)=.012	.562(.034)=.019	.031
	.589(.942)=.555	.589(.058)=.034	.589

A	BC	
0	0	.515
1	0	.043
2	0	.031

For the above table:

$P(0)$

α_0=.082+0=.082

$\beta_0 = \beta + 1 - 0 = 1.48$

$\alpha_0 + \beta_0 = 1.562$

$$\binom{2}{0}\frac{1.48(2.48)}{1.562(2.562)}=.917$$

$$\binom{2}{1}\frac{.082(1.48)}{1.562(2.562)}=.061$$

$$\binom{2}{2}\frac{.082(1.082)}{1.562(2.562)}=.022$$

$P(1)$

α_1=.082+1=1.082

$\beta_1 = \beta + 1 - 1 = .48$

$\alpha_1 + \beta_1 = 1.562$

$$\binom{2}{0}\frac{.48(1.48)}{1.562(2.562)}=.178$$

$$\binom{2}{1}\frac{(1.082)(.48)}{1.562(2.562)}=.360$$

$$\binom{2}{2}\frac{(1.082)(2.082)}{1.562(2.562)}=.562$$

B. Expand for

A	BC	
0	1	.129
1	1	.025

C=.025/.153=.163

b=.163(.562+1)-.082=.173

a=1.000-.173=.827

h. Test for data consistency check of C

$$If\ C < \frac{\alpha B}{(\alpha B + \beta B + 1)},\ then\ C = \frac{\alpha B}{(\alpha B + \beta B + 1)}$$

$$and\quad if\ C > \frac{\alpha B + 1}{(\alpha B + \beta B + 1)},\ then\ C = \frac{\alpha B + 1}{(\alpha B + \beta B + 1)}$$

A	$P(0)$	$P(1)$	Total
0	.917(.127)=.116	.178(.026)=.005	.121
1	.061(.127)=.008	.260(.026)=.007	.015
2	.022(.127)=.003	.562(.026)=.014	.017
	.154(.827)=.127	.154(.173)=.026	.153

A	BC	
0	1	.121
1	1	.015
2	1	.017

C. Expand for

A	BC	
0	2	.070
1	2	.018

C=.018/.88=.206
b=.206(.562+1)-.082=.239
a=1.000-.239=.761

i. Test for data consistency check of C

$$If\ C < \frac{\alpha B}{(\alpha B + \beta B + 1)},\ then\ C = \frac{\alpha B}{(\alpha B + \beta B + 1)}$$

$$and\quad if\ C > \frac{\alpha B + 1}{(\alpha B + \beta B + 1)},\ then\ C = \frac{\alpha B + 1}{(\alpha B + \beta B + 1)}$$

A	$P(0)$	$P(1)$	Total
0	.917(.067)=.062	.178(.021)=.004	.066
1	.061(.067)=.004	.260(.021)=.005	.009
2	.022(.067)=.001	.562(.021)=.012	.013
	.087(.761)=.067	.087(.239)=.021	.088

A	BC	
0	2	.066
1	2	.009
2	2	.013

D. Expand for

A	BC	
0	3	.104
1	3	.039

C=.039/.143=.273
b=.273(.562+1)-.082=.344
a=.656

j. Test for data consistency check of C

If $C < \frac{\alpha B}{(\alpha B + \beta B + 1)}$, *then* $C = \frac{\alpha B}{(\alpha B + \beta B + 1)}$

and *if* $C > \frac{\alpha B + 1}{(\alpha B + \beta B + 1)}$, *then* $C = \frac{\alpha B + 1}{(\alpha B + \beta B + 1)}$

A	*P*(0)	*P*(1)	Total
0	.917(.094)=.086	.178(.049)=.009	.095
1	.061(.094)=.006	.260(.049)=.013	.019
2	.022(.094)=.002	.562(.049)=.027	.029
	.143(.656)=.094	.143(.344)=.049	.143

A	BC	
0	3	.095
1	3	.019
2	3	.029

E. Expand for

A	BC	
0	4	.016
1	4	.011

C=.011/.027=.407
b=.407(.562+1)-.082=.554
a=.446

k. Test C

If $C < \frac{\alpha B}{(\alpha B + \beta B + 1)}$, *then* $C = \frac{\alpha B}{(\alpha B + \beta B + 1)}$

And *if* $C > \frac{\alpha B + 1}{(\alpha B + \beta B + 1)}$, *then* $C = \frac{\alpha B + 1}{(\alpha B + \beta B + 1)}$

A	*P*(0)	*P*(1)	Total
0	.917(.012)=.011	.178(.015)=.008	.014
1	.061(.012)=.001	.260(.015)=.004	.005
2	.022(.012)=.000	.562(.015)=.008	.008
	.027(.446)=.012	.027(.554)=.015	.027

A	BC	
0	4	.014
1	4	.005
2	4	.008

The final step is to aggregate all probabilities, based on the number of insert exposures over all vehicles in the system.

	A	BC	Joints
1	0	0	.515
2	1	0	.043
3	2	0	.031
4	0	1	.121
5	1	1	.015
6	2	1	.017
7	0	2	.066
8	1	2	.009
9	2	2	.013
10	0	3	.095
11	1	3	.019
12	2	3	.029
13	0	4	.014
14	1	4	.005
15	2	4	.008

5. Collect terms to final distribution

0 0.515
1 .043+.121=.164
2 .031+.015+.066=.112
3 .017+.095+.009=.121
4. .019+.013+.014=.046
5 .029+.005=.034
6 .008

Sum=1.000

4.3 #84 Schedule Example

The following numerical example illustrates a procedure whereby first-order consistency checks get rid of negative frequencies in the univariate (0,1) distribution for # 84 schedule case of 440 randomly selected schedules. With the first three vehicles, there is not a problem apparent for the MBD model, but, when a subset of 440 schedules is used for the 4 vehicles, the negative numbers – which are illogical – first start to appear in the univariate distribution. Therefore, to avoid encountering negative probabilities in the univariate (0,1) distribution values, the MBD model currently does a first-order consistency check, as described as below. Table 4.3.1 shows the univariate distribution of the #84 schedule after a first-order consistency check is done.

A First-Order Consistency Check

Given Data

	Average	**Cume**
real.com	.0207	.036
msn.com	.3816	.4517
microsoft.com	.1451	.2122
excite.com	.0194	.0251
S1	**.5668**	

3	5	.0721
3	9	.0104
3	19	.0057
5	9	.0037
5	19	.0025
9	19	.0005
	S2	**.0949**

Estimate trips of BBD

Trip	BBD
9-3-5	.00115
9-3-19	.00015
9-5-19	.00006
3-5-19	.00107

S_4 = .5668-.0949+.00243-.4581=.01623 (initial value of quad)

A. check 9-3-5 trip
.00115 ≤ .0104 OK
.00115 ≤ .0037 OK
.00115 ≤ .0721 OK
9-3-5 trip = .00115
9-3-5 trip = .00115

B. check 9-3-19 trip
.00015 ≤ .0104 OK
.00015 ≤ .0005 OK
.00015 ≤ .0057 OK
9-3-19 trip=.00015

C. check 9-5-19 trip
.00006 ≤ .0037 OK
.00006 ≤ .0005 OK
.00006 ≤ .0025 OK
9-5-19 trip=.00006

D. check 3-5-19 trip
.00107 ≤ .0721 OK
.00107 ≤ .0057 OK
.00107 ≤ .0025 OK
3-5-19 trip =.00107

E. S_4 = .5668-.0949+.00243-.4581=.01623

F. Check Quad
01623 ≤ .00115 NO
New Quad=.99(.00115)=.00114
.00114 ≤ .00015 NO
New Quad=.99(.00015)=.0001485
.0001485 ≤ .0006 NO
New Quad=.99 (.00006)=.0000594
.0000594 ≤ .00107
New S_4 = .0000594

G. R_4 = .5668-.0949+.00243-.0000594=.4742706
Zero cell=.5257

*Note: BBD shape might be altered through consistency checks above

Table 4.3.1
Univariate Distribution of #84 Schedule (4 vehicles)

9	3	5	19	Univariate Distribution
0	0	0	0	.5257
1	0	0	0	=.0207-(.0104+.0037+.0005)+(.00115+.00015+.00006)-.0000594=.0074
0	1	0	0	=.3816-(.0104+.0721+.0057)+(.00115+.00015+.00107)-.0000594=.2957
1	1	0	0	=.0104-(.00115+.000015)+.0000594=.0092
0	0	1	0	=.1451-(.0037+.0721+.0025)+(.00115+.00006+.00107)-.0000594=.0690
1	0	1	0	=.0037-(.00115+.00006)+.0000594=.00255
0	1	1	0	=.0721-(.00115+.00107)+.0000594=.0699
1	1	1	0	=.00115-.0000594=.0011
0	0	0	1	.0194-(.00005+.0057+.0025)+(.00115+.00015+.00006+.00107)-.0000594=.013
1	0	0	1	=.0005-(.000015+.00006)+.0000594=.0003494
0	1	0	1	=.0057-(.00015+.00107)+.0000594=.0045
1	1	0	1	=.00015-.0000594=.0000906
0	0	1	1	=.0025-(.00006+.00107)+.0000594=.0014
1	0	1	1	=.00006-.0000594=.0000006
0	1	1	1	=.00107-.0000594=.001
1	1	1	1	=.0000595

*Sum=1.000951

*Note: Sum is not 1.000 because of round off

4.4 # 151 Schedule Example

The following numerical example shows how the first-order consistency check does not solve the negative probabilities problems in univariate (0,1) distribution. As shown in Table 4.4.1, the first-order consistency check did not solve the negative probabilities problems for the #151 schedule which has five randomly selected vehicles. Thus, in this study, the MBD model corrected for negative probabilities in univariate distribution by adjusting negative numbers to 0. Many studies do re-setting of negative probabilities to 0 in other fields, as the very small negative probabilities have little

practical effect on the outcome as a whole (Evans 1998; Minnins et al. 2004). Table 4.4.1 shows that there are some negative probabilities in UD after the first-order consistency check.

A First-Order Consistency Check

1. Given Data

	Average	**Cume**
yahoo.com	0.4902	0.5805
msn.com	0.3816	0.4517
microsoft.com	0.1451	0.2122
netscape.com	0.0379	0.0507
msnbc.com	0.0237	0.0393
S1	**1.0785**	

1	3	0.1747
1	5	0.0724
1	10	0.0177
1	14	0.0113
3	5	0.0721
3	10	0.0097
3	14	0.0203
5	10	0.006
5	14	0.0059
10	14	0.001
	S2	**0.3911**

Initial Reach R_5=.7038 (=> New Adjusted Reach R_5=.7183)

Initial Trips

5-3-10= -.011796
5-3-1=.013447
5-10-1=-.04367
3-10-1=-.045873
3-10-14=-.031254
10-1-14= -.065275
5-10-1= -.045873
3-1-14=-.034414
5-10-14= -.0010163
5-1-14= -.044565

Adjusted Trips Check

5-3-10= .0020985 ≤ 5-3=.0721 OK
5-3-10= .0020985 ≤ 5-10=.0060 OK

5-3-10= .0020985 ≤ 3-10=.0097 OK
5-3-10= .0020985 ≤ 5-1=.0724 OK
5-3-10= .0020985 ≤ 3-1=.1747 OK
5-3-1=.013447 ≤ 5-3=.0721 OK
5-10-1= .0026958 ≤ 5-1=.0724 OK
5-10-1= .0026958 ≤ 10-1=.0177 OK
5-10-1= .0026958 ≤ 5-10=.0060 OK
3-10-1= .0070896 ≤ 3-10=.0097 OK
3-10-1= .0070896 ≤ 3-1=.1747 OK
3-10-1= .0070896 ≤ 10-1=.0177 OK
3-10-14= .00034276 ≤ 3-10=.0097 OK
3-10-14= .00034276 ≤ 3-14=.0203 OK
3-10-14= .00034276 ≤ 10-14=.0010 OK
10-1-14= .00044031 ≤ 10-1=.0177 OK
10-1-14= .00044031 ≤ 10-14=.0010 OK
10-1-14= .00044031 ≤ 1-14=.0113 OK
5-3-14=.0034918 ≤ 5-3=.0721 OK
5-3-14=.0034918 ≤ 5-14=.0059 OK
5-3-14=.0034918 ≤ 3-14=.0203 OK
3-1-14= .0044333 ≤ 3-1=.1747 OK
3-1-14= .0044333 ≤ 3-14=.0203 OK
3-1-14= .0044333 ≤ 1-14=.0113 OK
5-10-14= .00013033 ≤ 5-10=.0060 OK
5-10-14= .00013033 ≤ 5-14=.0059 OK
5-10-14= .00013033 ≤ 10-14=.0010 OK
5-1-14= .0016857 ≤ 5-1=.0724 OK
5-1-14= .0016857 ≤ 5-14=.0059 OK
5-1-14= .0016857 ≤ 1-14=.00113 NO
New Trip= .99 x .00113=.0011187
S_3=.0352874

Check Quads
5-3-10-1=.021451 ≤ 5-3-10=.0020985 NO
New Quad=.99 x .0020985=.00207405
.00207405 ≤ 5-3-1=.013447 OK
.00207405 ≤ 3-10-1=.0070896 OK
Therefore, New Quad=.00207405 ≤ 5-10-1=.0026958 OK

5-3-10-14=.0085976 ≤ 5-3-10=.0020985 NO
New Quad=.99 x .0020985=.002077515
.002077515 ≤ 5-3-14=.0034918 OK
.002077515 ≤ 3-10-14=.00034276 NO
New Quad=.99 x .00034276=.0003393324
.0003393324 ≤ 5-10-14=.00013033 NO
Therefore, New Quad=.99 x .00013033=.0001290267

5-3-1-14=.0065869 ≤ 5-3-1=.013447 OK
5-3-1-14=.0065869 ≤ 5-3-14=.0034918 NO
New Quad=.99 x .0034918=.003456882
.003456882 ≤ 3-1-14=.0044333 OK
.003456882 ≤ 5-1-14=.0016857 NO
Therefore, New Quad=.99 x.0016857= .001668843

5-10-1-14=.052552 ≤ 5-10-1=.0026958 NO
New Quad=.99 x.0026958=.002668842
.002668842 ≤ 5-10-14=.00013033 NO
New Quad=.99 x.00013033=.0001290267
.0001290267 ≤ 10-1-14=.00044031 OK
Therefore, New Quad=.0001290267 ≤ 5-1-14=.0016857 OK

3-10-1-14=.056465 ≤ 3-10-1=.0070896 NO
New Quad=.99 x .0070896=.007018704
.007018704 ≤ 3-10-14=.00034276 NO
.0003393324 ≤ 10-1-14=.00044031 OK
Therefore, New Quad=.0003393324 3-1-14=.0044333 ≤ OK
S_4=.0043402788
S_5=R_5-S_1+S_2-S_3+S_4=.7038-1.0785+.3911-.0352874
+ .0043402788= -.014547 => negative
Adjusted S_5=.000001
New estimated R_5=S1-S2+S3-S4+S5=1.0785-.3911+.0352874-
.0043402788+.000001=.7183

The #151 schedule shows that the MBD may need some further data consistency checks in order to avoid encountering negative numbers in theUD values, as shown in Table 4.4.1.

Table 4.4.1
Univariate Distribution of #151 Schedule (5 vehicles)

5	3	10	1	14	Univariate Distribution
0	0	0	0	0	.2817
1	0	0	0	0	.0077
0	1	0	0	0	.1314
1	1	0	0	0	.0569
0	0	1	0	0	.0136
1	0	1	0	0	.0034
0	1	1	0	0	.0025
1	**1**	**1**	**0**	**0**	**-.0001**
0	0	0	1	0	.2410
1	0	0	1	0	.0612
0	1	0	1	0	.1583
1	1	0	1	0	.0097
0	0	1	1	0	.0096
1	0	1	1	0	.00049
0	1	1	1	0	.0047
1	1	1	1	0	.0021
0	0	0	0	1	-.0070
1	0	0	0	1	.0030
0	1	0	0	1	.0142
1	1	0	0	1	.0017
0	0	1	0	1	.00069
1	0	1	0	1	-.00013
0	1	1	0	1	-.00013
1	1	1	0	1	.000128
0	0	0	1	1	.0074
1	0	0	1	1	-.00068
0	1	0	1	1	.0024
1	1	0	1	1	.0017
0	0	1	1	1	-.000027
1	0	1	1	1	.00013
0	1	1	1	1	.00034
1	1	1	1	1	.000001

Table 4.4.2

The Intermediate Results of Univariate Distribution of #151 Schedule (5 vehicles)

UD	
.2817	
.0077	=.1451-(.0724+.0721+.006+.0059) - (.0020985+.013477+.0026958+.0034918+.00013033+.0011187)- (.00207405+.0001290267+.001668843+.0001290267)+.000001=.0077
.1314	=.3816- (.1747+.0721+.0097+.0203)+(.0020985+.013447+.0070896+.00034276+.0044333+.0034918)- (.00207405+.0001290267+.001668843+.0003393324)+.000001=.1314
.0569	=.0721-(.013447+.0020989+.0034918)+(.00207405+.0001290267+.001668843)-.000001=.0579
.0136	=.0379- (.0177+.0099+.006+.001)+(.0020985+.0026958+.0070896+.00034276+.00044031+.00013033)- (.00207405+.0001290267+.0001290267+.0003393324)+.000001=.0136
.0034	=.006-(.0020985+.0026958+.00013033)+(.00207405+.0001290267+.0001290267)- .000001=.0034
.0025	=.0097-(.0020985+.0020896+.00034276)+(.00207405+.0001290267+.0001290267)- .000001=.0025
-.0001=	**=.0020985-(.00207405+.0001290267)+.000001=-.0001034**
.2410	=.4902- (.1747+.0724+.0177+.0113)+(.013447+.0026958+.0070896+.00044031+.0026958+.0044333+.0 01118)-(.00207405+.001668843+.0001290267+.0003393324)+.000001=.241
.0612	=.0724-(.013447+.0026958+.0026958+.001118)+(.00207405+.0065869+.0001290267)- .000001=.0612
.1583	=.1747-(.013447+.0070896+.0044333)+(.000207405+.001668843+.0003393324)-.000001=.1583
.0097	=.01347-(.001688843+.00207405)+.000001=.0097
.0096	.0177-(.0026958+.0070896+.00044031)+(.00207405+.0001290267+.0003393324)- .000001=.0096
.00049	=.0026958-(.00207405+.0001290267)+.000001=.0004937
.0047	=.0070896-(.00207405+.0003393324)+.000001=.00467
.0021	=.00207405-.000001=.00207305
-.0070	**=.0237- (.0113+.0203+.0059+.001)+(.00034276+.00044031+.0034918+.0044333+.00013033+.0011187) -(.0001290267)+.001668843+.0001290267+.0003393324)+.000001= -.007**
.0030	=.0059-(.0034918+.00013033+.001118)+(.0002390267+.001668843+.0001290267)- .000001=.0030
.0142	=.0203-(.00034276+.0044333)+(.0001290267+.001668843+.0003393324)-.000001=.0142
.0017	=.0034918-(.0001290267+.001668843)+.000001=.00169
.00069	=.001-(.00034276+.00044031+.00013033)+(.0001290267+.0001290267+.0003393324)- .000001=.00069
-.00013	**=.00013033-(.0001290267+.0001290267)+.000001=-.0001267**
-.00013	**=.00034276-(.0001290267+.0003393324)+.000001=-.0001245**
.000128	=.0001290267-.000001=.0001280
.0074	
-.00068	**=.001118-(.001668843+.0001290267)+.000001=-.0006788**
.0024	=.0044333-(.001668843+.0003393324)+.000001=.00243
.0017	=.001668843-.000001=.00167
-.000027	**=.00044031-(.0001290267+.0003393324)+.000001=-.000270491**
.00013	=.0001290267-.000001=.000128
.00034	=.0003393324-.000001=.000338
.000001	=.000001

Table 4.4.1 shows the intermediate calculation process which generates to the UD values. As shown in Table 4.4.2, a negative number (.0020985-(.00207405+.0001290267) +.000001= -.0001034) does occur even if all the total S(i) sum to the value of reach and the MBD adjusts the S(5) value to .000001 as a alternative negative number which has originally computed. So, adjusting S(5) does not solve the problem, since some combination of quads subtracted from trip can become negative. This is the reason why second-order checks are needed. As a second-order consistency check in the case of 11100 we would see if 5-3-10-1-14 vehicles exposure probability is greater than the value of (5-3-10-1 vehicles exposure probability) + (5-3-10-14 vehicles exposure probability) – (5-3-10 vehicles exposure probability). In the case of 11100, this second-order consistency condition for 5 vehicles is not satisfied as below:

5-3-10-1-14(.000001) > 5-3-10-14 (0.002074)+ 5-3-10-1(.0001290267) -5-3-10(0.002099)=.000105 (False for 11100 example)

The inconsistency giving negative probabilities in the UD calculated by the MBD does not show up when using the first "*m*" vehicles in our list of 25 until *m*=5. However, as shown in #151 schedule, the second-order consistency check will be needed, as the inconsistency gives negative probabilities. In general, there are *i* consistency checks to do on an *i* tuple value with respect to (*i* -1) tuples; then there are *i* (*i*-1)/2 consistency checks to do on that same *i* tuple value with respect to (*i* -2) tuples. In the m=5 case, that would be 5 first-order checks and 10 second-order checks, for a total of 15.

The first-order consistency check that the MBD already has incorporated into the algorithm takes care of the most severe pathologies, such that, whenever negative values for joint (0,1) cells appear, they are of a very tiny magnitude. With an additional second-

order consistency check, the negative values will be even more scarce and of much smaller magnitude if they do occur. However, the MBD may also need to include third-order consistency checks when m>5; fourth-order consistency checks when m>6, and so forth. The comments below show some calculations to help to decide how extensively the MBD needs to do consistency checks when constructing the partial sum vector as a data source for generating unviariate joit (0,1) distributions.

Comments on Consistency Checks for a Univariate Distribution
==========

First vehicle

For the first vehicle, the audience is measured directly as a non-negative value and no consistency checks are needed.

Second vehicle

For the second vehicle, the between dups is measured directly as a non-negative value.

Third vehicle

For the third vehicle of partial sums, the BBD method is used to evaluate the 3-tuple value. A first order consistency check is needed to see if, for three vehicles A, B, C:

ABC < AB
ABC < AC
ABC < AB

A second-order consistency check of partial sums would be to see if

ABC > AB + AC - A
ABC > AB + BC - B
ABC > AC + BC - C

Fourth vehicle

For the fourth vehicle, the BBD method is used to evaluate the 4-tuple value. A first order consistency check of partial sums is needed to see if, for four vehicles A, B, C, D:

ABCD < ABC
ABCD < ABD
ABCD < ACD
ABCD < BCD

A second order consistency check of partial sums would be to see if

ABCD > ABC + ABD - AB
ABCD > ABC + ACD - AC
ABCD > ABD + ACD - AD
ABCD > ABC + BCD - BC
ABCD > ABD + BCD - BD
ABCD > ACD + BCD - CD

A third-order consistency check of partial sums would be to see if

ABCD > ABC + ABD + ACD + AB + AC + AD - A
ABCD > ABC + ABD + BCD + AB + BC + BD - B
ABCD > ABC + ACD + BCD + AC + BC + CD - C
ABCD > ABD + ACD + BCD + AD + BD + CD - D

and so forth for higher order checks in systems with more vehicles.

It would take a certain amount of computer CPU time to do each of these checks, regardless of whether an inconsistency required computational steps for modification of the value. Thus, for this study we chose two alternative routes which adjusts negative probabilities in the UD to zero, which I call MBD-ADJ and MBD-ADJ2. The steps to change negative probabilities to 0 for MBD-ADJ are as below:

1. After the UD is completely formed, given the checks we now have in place, a check is made to see if any cells are <0.
2. For the UD which has cell(s) < 0, we then need to adjust the value of each of those cells to exactly 0.

3. Sum up the negative cell values. Distribute the amount in #3 above proportionately across all remaining cells by summing non-negative cells and dividing each cell by this sum to get its proportion of the amount in #3 to allocate (add on to) its cell value.
4. This should provide a UD with no negatives and add to 1.00 and not overly disturb the zero cell.

The steps to change negative probabilities to 0 for MBD-ADJ2 are as below:

1. After the UD is completely formed, given the checks we now have in place, a check is made to see if any cells are <0.
2. Change all cells less than 0 and allocate sum of negative probabilities only to cells at or below first occurrence of negative sign. Leave cells above first occurrence of negative sign are.
3. Distribute sum of negative probabilies to cells at or below first occurrence of negative sign such that they sum to 1-sum of non negative signs so that distribution sums to 1.0
4. This should provide a UD with no negatives and add to 1.00

Table 4.4.3 shows the adjusted UDs, whose negative probabilities are adjusted to zeros, and the original UD.

Table 4.4 3
Adjusted Univariate Distributions of #151 Schedule
(Negative Frequencies are adjusted to 0)

MBD-ADJ UD	MBD-ADJ2 UD	Original UD
.2792		.2817
.0082		.0077
.1306		.1314
.0566		.0569
.0135		.0136
.0034		.0034
.0027		.0025
.0000		**-.0001**
.2380		.2410
.0581		.0612
.1528		.1583
.0096		.0097
.0100		.0096
.0005		.00049
.0046		.0047
.0021		.0021
.0000		**-.0070**
.0025		.0030
.0141		.0142
.0017		.0017
.0007		.00069
.0000		**-.00013**
.0000		**-.00013**
.0001		.000128
.0068		.0074
.0000		**-.00068**
.0024		.0024
.0016		.0017
.0000		**-.000027**
.0001		.00013
.0003		.00034
.0000		.000001

This study also compares final MBD collapsed distributions expanded from the UD which doesn't adjust negative probabilities, and expanded from the UD which adjusts negative probabilities (See Table 4.4.4). As shown in Table 4.4.4, the MBD collapsed distribution doesn't have any negative probabilities, even though there were some negative probabilities caused by a failed second-order consistency checks in the UD.

That is, it has been also found that negative probabilities in the UD did not cause the final MBD distribution to be negative and always led positive outcomes in all cases examined. Also the results of Table 4.4.4 is also very close, which means that the final MBD collapsed distribution is minimally impacted by the changing the negative probabilities to zeros.

Table 4.4.4
Final MBD Collapsed Distributions of #151 schedule

Level	**MBD**	**MBD-ADJ**	**Actual Exposure**
0	.1761	.1796	.1839
1	.1418	.1431	.1162
2	.2701	.2678	.3415
3	.1858	.1844	.1615
4	.1844	.1833	.1413
5	.0300	.0298	.0322
6	.0076	.0076	.0175
7	.0031	.0031	.0055
8	.0012	.0013	.0005
9	.0000	.0000	.0000
10	.0000	.0000	.0000

Note: MBD-ADJ and MBD-ADJ2: Collapsed Distributions (Negative Frequencies are adjusted to 0)

Another solution to the problems of negative probabilities in the UD, after applying multiple precision to avoid any rounding errors to alternating terms, might lie in the application of the Deming Iterative Proportional Fitting (IPF) to the UD when it has negative probabilities (Deming 1943). In the current MBD model, the UD joints do not always sum to the marginal 0 and 1 of each vehicle, which is a problem. As IPF would ensure that all joint distributions conform to all vehicle marginal distributions, one possible solution may be to do a fix up of the negative probabilities problems, which should be done in future research on the MBD model.

Another thing to be noted is that the MBD collapsed distribution is constructed with an algorithm that may include sequential steps that are non-commutative. In other words, the order in which vehicles are processed may produce differing outcomes. However, this study does not look at all possible ordering of vehicles when expanding the UD to the full MBD. This may impact results slightly.

4.5 Hyper Beta Distribution Model as an Approximation Model of MBD

In this section, an approximation model of the MBD called the Hyper Beta Distribution (HBD)[1]model is described. A brief description of this model is given below:

This model is comprised of two main parts: (1) The generation of the joint exposure matrix, using the relationship between the Hypergeometric and Beta Binomial (BBD) Distributions (Raiffa and Schlaiffer, 1961, p.238) as the basis for estimating the zero cell at each step of (2) Sequential Aggregation (Lee, 1988, p.96). Part 1 assumes the underlying distribution is a multivariate Beta Distribution.

The first part of the HBD is a new development, while the second part has been known for quite some time and tested frequently (Leckenby and Hong, 1998; Kim and Leckenby, 2000). In Part 1 of this model, the zero cell of the first two vehicles to be aggregated is estimated using hypergeometric coefficients (Raiffa and Schlaiffer, 1961) as the basis for the development of the two parameters of the BBD (Greene and Stock, 1967) for each row and each column of the joint two-dimensional matrix underlying the exposure distribution for the two vehicles. These parameters for the row and column BBD's are derived from the marginal BBD parameters for each of the two vehicles. There are presumed to be as many BBD's in a row or column as there are insertions in the other vehicle. As this proposition is intractable mathematically for insertions greater than two of the other vehicle, the model approximates these multiple column and row BBD's by assuming that two BBD's in each will give a reasonable estimate of the total number which the model requires, after these row and column BBD's (two of them) are

[1] The HBD is based on, in part, Cheong and Leckenby (2005), "The Hyper Beta Distribution as a Web Media Exposure Model," *Proceedings of the 2005 Conference of the American Academy of Advertising*, 165-173.

summed to provide a final estimate of each column and row distribution in the joint exposure matrix. Allocation of each conditional BBD to the row or column marginal probability is solved by the method of simultaneous linear equations in this model.

Each row and each column is expanded, using the BBD parameters estimated via the hypergeometric coefficients and the marginal BBD parameters, to two distributions per row and column; these are then summed to provide one conditional distribution per row and column. The conditional BBD's are multiplied times the marginal distributions for each of the two vehicles to provide the joint distribution in each row and column.

A numerical example of the application of hypergeometric coefficients to estimate BBD parameters is provided below. Suppose exposure probabilities are given, as shown in Table 1, from a data bank provided by an online Web audience measurement service. Table 4.5.1 shows a 3×2 joint probability matrix of vehicle A by the other vehicle B. The proportion of each BBD to go for "zero" and one-insertion cells for vehicle A with the "zero" cell and "1" cell of the other vehicle B can be solved by simultaneous equations, as shown in Table 4.5.3. In the example below, "a" is the proportion of BBD to be allocated to the "zero" cell column, where "b" is the proportion to be allocated to the "1" insertion column.

Table 4.5.1.
Exposure Probabilities for Two Vehicles (Given Data)

		Vehicle B		
	# of Exposures	0	1	Marginal A
Vehicle A	0	.58	.22	.80
	1	.12	.08	.20
	Marginal B	.70	.30	1.0

Table 4.5.2.
Estimated Joint Probability Matrix for Vehicle A

			Vehicle B		
Vehicle A	P_0	P_1	Total 0	Total 1	Marginal A
0	.79*(.59)=.47	.32(.11)=.035	**.51**	Not Needed	.70
1	.16(.59)=.09	.36(.11)=.040	.13	For Zero	.20
2	.05(.59)=.03	.32(.11)=.035	.06	Cell	.10
Marginal B	.59	.11	.70	.30	1.0
	α_0=.33	α_1=1.33			α = .33
	β_0=2.33	β_1=1.33			β =1.33

where: α , β are BBD parameters for the vehicle to be extended, and are estimated by method of moments[2]

α_i , β_i are new BBD parameters for each insertion level of the other vehicle

$\alpha_i = \alpha + i$, $\beta_i = \beta + t - i$ (where: $i = i^{th}$ frequency cell, t = total number of insertions)

Table 4.5.3.
Allocation of Each BBD to Extension Columns

Simultaneous Equations Form from Given Joint 0,1 Matrix Above for Vehicle A and B

(1) P_0 a + P_1 b = .12
.12 a + .50 b =.12
(2) a + b =.7

Therefore: a = .7- b
.12(.7-b)+.50b = .12
.08 – .12 b+ .50b = .12
.38 b = .04
a= .59 b = .11

where: $P_0 = (\alpha + 0)/(\alpha + \beta + 1)$, $P_1 = (\alpha + 1)/(\alpha + \beta + 1)$

In order to derive the zero cell for the two-vehicle case, only the first row and first column of the joint matrix need to be expanded in the manner described above. Next, using sequential aggregation, the joint matrix formed by multiplying the two marginal

* $\binom{2}{0}\frac{\beta_i(\beta_i+1)}{(\alpha_i+\beta_i)(\alpha_i+\beta_i+1)} = \binom{2}{0}\frac{2.33\times(2.33+1)}{(.33+2.33)(.33+2.33+1)} = .79$

[2] $\alpha + \beta = (r_1 - d_w)/(d_w - r_1^2)$ and $\alpha = r_1(\alpha + \beta)$ where: r_1 = average audience of vehicle A, d_w = within vehicle duplication of vehicle A (See Appendix A. The Beta Functional Model in Greene and Stocks [1967]).

distributions is then fitted to the zero cell (1 minus reach) estimated as described above. This is termed “non-random convolution” (Lee, 1988).

Next, after the collapsing of the non-random convolution of the first two vehicles, a new joint exposure matrix is estimated by assuming the first two-vehicle collapsed distribution is a BBD for one “pseudo-vehicle” to be paired with the next vehicle in the aggregation (order of aggregation of vehicles is determined by the decreasing magnitude of between- and within-vehicle duplications as well as average audience size). The “multivariate BBD” procedure in Part 1 is applied to this new “pair” of vehicles to estimate the zero cell of this pair. The two BBD parameters of the “pseudo-vehicle” are found by the “Method of Means and Zeros” (Anscombe, 1950). The sets of two BBD parameters for each row and column are again found, using the hypergeometric coefficients and the marginal distribution of the new vehicle; the pseudo vehicle marginal BBD parameters are those as found by the means and zeros, as noted above. The mean of the between-vehicle duplication is used as an approximation to the correlation between the “pseudo-vehicle” and the new vehicle to which it is to be aggregated. This provides input data to the multivariate method for vehicles beyond three in the aggregation, which are an approximation to those found in Table 4.5.1 for the first two vehicles.

Once the zero cell of the new joint distribution of the pseudo-vehicle and the next vehicle to be added on is estimated as above, a non-random convolution is performed on this joint distribution, using this zero cell, and the joint distribution is collapsed to form the new “pseudo-vehicle” which is, in turn, to be combined with the next vehicle in the aggregation order. The process above is continued until all vehicles in the media schedule have been aggregated and the final exposure distribution appears. This is the

basic concept of the HBD and the program code of the HBD is shown in Appendix H. From a practical point of view, the practical implementation of the HBD should be further studied and developed to make a more viable MBD in the future.

4.6 A Rationale and A Limitation of the Multivariate Beta Binomial Distribution Model

Impetus to the development of a multivariate model like the MBD is provided by the fact that a relatively small percentage gain in accuracy may be significant because of the large number of people or dollars it represents (Leckenby and Boyd 1984). There are good reasons to pursue the development of potentially more accurate models, although their consumption by industry may not be immediate.

Basically, the Multivariate Beta Binomial Distribution model (MBD) is developed on the BBD, which is the very accurate univariate model and the one prevalently used in practice. However, the drawback of the BBD is that it works with only one vehicle. The MBD model developed in this study is designed to overcome this limitation of the BBD. The MBD model is in the multivariate approach to the BBD.

Although there have been some other multivariate models developed in academia to date, it has been found that they have some practical limitations and problems. For example, the DMD model has a drawback in practice despite the accuracy of the model, since it can be used only for vehicles with equal numbers of insertions. That is, it requires symmetrical insertions, which are rarely used in media planning practice. However, the MBD model is designed to allow any number of insertions in each vehicle.

Even though the MBD model has limitations in that it requires quite a cost in computing time when there are many vehicles in the schedule and it does not fully figure

out negative probabilities at the UD in this study, the MBD provides the foundation for further improvement of the model, along with recommendations for further investigation, since the theoretical potential for the performance of the model is high, as the estimation of the zero cell is extended to the full multivariate BBD approach and the MBD successfully overcomes the limitations of the two leading multivariate models – CANEX and CBD – in terms of not generating any negative probabilities in the final collapsed distribution.

CHAPTER 5

METHOD

5.1 Overview

This chapter discusses the method used to evaluate the performance of the established reach/frequency estimation models and the new reach/frequency estimation model: the Multivariate Beta Binomial Distribution model. Included are an introduction of the evaluated models, a description of the data used, an illustration of the evaluation criteria of model performance and a description of the programming of the Multivariate Beta Binomial Distribution model.

5.2 Models to be Evaluated

In total, eleven different models, including the two versions of MBD (Multivariate Beta Binomial Distribution) and HBD are used for comparison in this study. The seven other exposure distribution models are the Binomial Distribution (BIN), the Beta Binomial Distribution (BBD), the Conditional Beta Distribution (CBD), the Canonical Expansion Distribution model (CANEX) (Danaher 1991), Hofmans Beta Binomial Distribution (HBBD), the Morgensztern Sequential Aggregation Distribution model (MSAD), the Dirichlet Multinomial Distribution (DMD). These existing seven models have been studied extensively and are selected to represent the spectrum of methods available for reach/frequency estimation (Chandon 1976; Danaher 1988; Danaher 1989; Headen, Klompmaker and Rust 1979; Hofmans 1966; Ju 1990; Kim 1994; Kishi 1987; Leckenby and Kim 1992; Lee 1988; Rice 1985; Rust 1986; Rust and Leone 1984; Leckenby and Boyd 1984).

5.3 Data

The history of reach/frequency estimation studies shows that, most frequently, the input data for the accuracy assessment of those models are syndicated data such as those developed routinely by the Simmons Market Research Bureau, A.C. Nielsen, or, prior to its demise, Arbitron, Inc. The equivalent Web audience data are currently available from commercial Web measurement companies such as comScore Networks.

This study uses a Web audience data set, collected by comScore Networks (comScore)(http://www.comscore.com/),which is well-known, user-centric, Web data collection company and for this study, *Media Metrix 2.0*, which is one of the products by comScore networks.

Media Matrix 2.0 Web audience data

The *Media Metrix 2.0* uses Random Digit Dial (RDD) recruitment methodology to build the core U.S. panel. Recruitment starts with the acquisition of random-generated samples of telephone numbers from working exchanges and then the numbers are matched to national directories to obtain mail-able addresses where possible. Households with matching phone numbers and mailing addresses are mailed a recruitment package seeking their participation in the panel. This mailer is designed to encourage panel membership by more fully describing the benefits of panel membership. Persons agreeing to panel membership are re-screened to confirm eligibility; then they join the panel by entering into a panel membership contract, including an expressed privacy agreement, and completing a short survey describing the Internet users in the household.

Panelists receive incentives ranging from $15 quarterly to protection from viruses for their e-mail. The *Media Metrix 2.0* has contracted with *Wirthin International* to conduct an ongoing survey of U.S. households to show who is using the World Wide Web. The surveys use probability sampling and RDD (random-digit dialing) methodology. Each month, up to 1,000, 10+ minutes telephone interviews are completed with one person per household with up to five re-contracts. The information gathered by the enumeration surveys is used to derive estimates of the proportion of the U.S. population that currently uses the Internet. Also, a three-month rolling average is used to ensure stability in proportion estimates derived from these surveys. The derived population is then applied to U.S. Census data to calculate target population sizes.

Opinion Research Corporation (ORC) Caravan Surveys, which the *Media Metrix 2.0* has contracted with, also provide the basic information used to derive the at-college Internet population proportion, which is then applied to estimates of the total number of students obtained from the National Center for Education Statistics, to derive targets. The enumeration is also used for determining variable-targets for sample balancing purposes. The variable-targets used include: gender, age, household income, number of people in the households, presence of children, and region.

Media Metrix 2.0 features comScore's proprietary, patent-pending proxy measurement platform. This monitoring technology operates on a high-performance server network that captures usage data as it flows between each panelist's PC and the Internet. This represents a major improvement from the older approach of collecting data through a software "meter" installed on each user's PC. This platform also captures the complete details of crucial activities such as online buying, subscriptions, search engine

queries, etc. Upon agreement to join the *comScore* panel, members' browsers are configured to unobtrusively route all Internet activity through comScore's network of dedicated servers. At the start of Internet activity, panelists identify themselves from a list on the User Identification Screen, which allows for accurate measurement of user age, gender, education and other demographics. The identification screen disappears and computer usage continues as normal. If the computer is inactive for more than 30 minutes during an online session, the user is again prompted for identification, to ensure that any change in user is properly reflected. All of the panelist's Internet activity is captured, regardless of the type of browser used. Activity is also captured regardless of whether an Internet connection is established via a commercial Internet Service Provider (ISP) or an office-hosted LAN. Information that can potentially be captured on an individual member basis includes every site visited, page viewed, ad seen, promotion viewed, product or service bought, price paid, and more.

Media Matrix 2.0 data are collected via proxy server methodology that is very similar to that used to track server logs. The proxy captures the details of communication to and from a panelist's computer on a site-specific, individual-specific basis, ranging from every outgoing browser command to view a page (i.e. Internet content) to every incoming fulfillment including all pages, ad banners, pop-ups, etc. The proxy captures the full URL address of every individual item that comprises a page, such as a banner, heading, etc. These are matched to a dictionary of URL addresses currently numbering over 175,000 Internet sites.

As described above, the key measures of the user-centric approach are the unique users of a site and the URL addresses of the sites that the unique users visited. The

comScore Networks offer a set of measurements with broader information about the behavior of the individual across all sites, thereby providing the data necessary to calculate reach and frequency. What is needed for reach/frequency models of the type to be tested here are data on "unique users" of a site on two subsequent occasions. These data would allow the establishment of within- and between-vehicle duplications as well as the average site audience.

The comScore Networks selected 5,000 panelists (1.9%) randomly from a U.S. sample of 266,514 active panelists for the month of September 2003, for this study. Of these panel members, when only the top 25 sites in this study were considered, 3,201 panel members visited at least one of the top 25 sites at least one time in the two time period measurements of September 10 and September 17, 2003.

A total of 1,833 panel members were active both in week #1 (September 10) and in week #2 (September 17). These 1,883 panel members are called the "duplicated respondents." That is, only 1,833 panel members among the 3,201 visited at least one of the top 25 web sites during both time periods, and their total visits numbers are 8,028. The average number of visits to the top 25 web sites for each member was 4.4. The unduplicated visits of the two periods for these 3,201 panel members numbered 10,423.

Based on these data, the average site audience, cumulative site audience, within-vehicle duplication, and between-vehicle duplication are defined on a weekly basis, using the definitions used by the Simmons Market Research Bureau.

The Average Site Audience

=(Site viewers in Week 1 + Site viewers in Week 2)/2

The Cumulative Site Audience

=(Site viewers in Week1 only or Site viewers in Week2 only or Site viewers in both weeks)

The Within-Vehicle Duplication

=(Site viewers exposed to two periods of the same site)

The Between-Vehicle Duplication

=(Site viewers exposed to both sites in the pair)

A summary of these statistics for the 25 sites is presented in Table 5.1 and Table 5.2.

Table 5.3.1
Vehicle Average Audience and Cumulative Audience of Top 25 Web Sites

Ranking	25 Sites	Average Audience (%)	Cumulative Audience (%)
1	Yahoo.com	49.02	58.05
2	Aol.com	44.33	47.63
3	Msn.com	38.16	45.17
4	Microsoft.com	14.51	21.22
5	Ebay.com	13.12	19.86
6	Google.com	9.90	15.17
7	Go.com	4.26	6.60
8	Netscape.com	3.79	5.07
9	Windowsmedia.com	3.46	5.84
10	Weather.com	3.33	5.02
11	Digitalcity.com	3.30	5.35
12	Amazon.com	3.19	5.62
13	Lycos.com	3.11	4.80
14	Mcafee.com	3.00	3.71
15	Geocities.com	2.92	5.56
16	Cnn.com	2.59	4.31
17	Msnbc.com	2.37	3.93
18	Earthlink.net	2.35	3.16
19	Overture.com	2.21	3.98
20	Real.com	2.07	3.60
21	Bankofamerica.com	2.05	2.95
22	Excite.com	1.94	2.51
23	Ask.com	1.53	2.73
24	Monster.com	1.42	2.40
25	Netzero.net	1.09	1.75

Table 5.3.2
Summary of Within- and Between- Duplications of Top 25 Web Sites

	Mean (%)	Std. Dev.	Max (%)	Min (%)
Observed Within-Duplication*	6.08	12.05	41.03	0.28
Observed Between-Duplication**	0.68	1.75	17.4	0.00

* Top 25 sites, **300 distinct vehicle pairs

5.3.1 Test Schedules

This study examines the error factors in multi-vehicle, two-insertion advertisements on a total of 440 Web schedules for each of the ten models. Twelve vehicles are randomly selected from the 25 top-visited Web sites at those times because the high computing time is needed to run the MBD program with more than 13 vehicles.

Forty completely random schedules are developed for each of the fourteen schedule sets, where a set consists of a given number of vehicles from two to fifteen vehicles. The vehicles each contain two insertions to be compatible with the tabulation and measurement systems over Week 1 and Week 2. The tabulated schedules are randomly selected from two to fifteen vehicles in each schedule, with two inserts each for a total of thirty exposures maximum. This provides maximum exposure distributions in a range of size from four insertions total to thirty insertions total.

5.3.2 Tabulation of Data

The Web audience data used in this study must be tabulated into such a format as enables the computer to produce the observed distribution for any combination of vehicles in a schedule. Tabulation refers to a head count of survey respondents, which determines whether they have actually been exposed to the Web vehicles included in a

given advertising schedule. For each schedule of this study, tabulation involved counting person-by-person exposure to each of the vehicles in each of the two measurement phases (Week 1 and Week 2). This results in the "true" answer for the sample of exposure to the schedule vehicles over two occasions. This shows, in a two-vehicle schedule, for example, the proportion of the sample exposed no times, one time, two times, three times, or four times to the vehicles in the schedule.

The audience data files are processed by the computer tabulation programs to produce the observed distribution and the estimated exposure distribution of different media models. The estimated exposure distributions for these schedules are then made, using the eleven models. The performance of the models is assessed, using the standard error criteria described below.

5.4 Evaluation Criteria of Model Performance

In evaluating the performances of different models, the accuracy of the model depends partly on the manner in which error is defined in the study. In this study, two different error factors—average percentage error in reach estimation (AER) and the average percentage error in the exposure distribution (APE) — are adopted from previous studies (Leckenby and Kishi 1984; Kishi and Leckenby 1982). Danaher (1992) also used these definitions of AER and APE (he renamed AER as RER, "relative error in reach," and APE as EPOR, "error in exposure probabilities over schedule reach"). The smaller these errors (AER and APE) are, the better the advertising media model performs in estimating the reach and frequency of a schedule.

Average Percentage Error in Reach (AER)

The error in the reach estimates (AER) for the test schedules is defined as the absolute value of the difference between the observed and the predicted reach in terms of percentage (Kishi and Leckenby 1981; Kishi and Leckenby 1982; Kim 1994; Hong 1998). This measure indicates the average error in reach estimates of the total number of schedules as a percentage of each observed schedule reach. The average percentage error in reach demonstrates the degree of the absolute values of errors from the observed schedule reach. We will need to multiply AER by 100 to get a percentage.

$$\text{AER} = \frac{\sum_{i=1}^{K} \left| \frac{o_i - e_i}{o_i} \right|}{K}$$

where:

o_i = observed reach of schedule i

e_i = estimated reach of schedule i

K = total number of schedules

Average Percentage Error in Exposure Distribution (APE)

The error in each exposure level is simply defined as the absolute difference between the observed and the estimated frequencies (Leckenby and Kishi 1984; Kishi and Leckenby 1982; Kim 1994; Hong 1998). The average percentage error in exposure distribution (APE) indicates the average percentage error in the distribution of all schedules as a percentage of the observed schedule reach. APE is obtained by summing the PE_is of all schedules and dividing the sum by the total number of schedules. We will need to multiply APE by 100 to get a percentage.

$$\text{APE} = \frac{\sum_{j=1}^{K} \left| o_{ij} - e_{ij} \right|}{\sum o_{ij}}$$

where:

o_{ij} = observed frequency at exposure level j of schedule i

e_{ij} = estimated frequency at exposure level j of schedule i
K= total number of schedules

5.5 Description of the Programming of the Multivariate Beta Binomial Model

This section gives a general description of a Multivariate Beta Binomial Distribution (MBD), based on the programming. It has been designed for the purpose of estimating reach and exposure in advertising vehicles with multiple inserts. The program was developed in the Matlab programming environment and used BigDecimal to allow for more precision in the calculations where necessary.

The Hierarchy of Scripts

The computations are quite involved, and several procedures are repetitive, so the program is constructed in a modular form. There is a top-level main program file which reads in the observational or given data, utilizes external function files to generate a univariate distribution, redistributes the univariate values into a multivariate distribution, collapses the distribution by aggregate issue exposure, saves the results to a separate files and displays summary results on the computer screen within the Matlab command window. This is the hierarchy of Matlab files that are used:

mbdv 29.m (main program)
bbdpopulate29.m (constructs the partial sums from BBD)
univariate29.m (assembles univariate partial sums and joint (0 1) values)
collapse29.m (internal commands to further clear out memory)
snlines.m (speed up the process)
*the "29" is a version number in development sequence

The main program, mbdv29, is shown in Appendix F, and the main Java program which is identical to the main Matlab program shown in Appendix G. The program was initially developed, based on Matlab program codes, and it is ported to a Java program

for future research and for later use of multiple precision and arthimatic when needed. This dissertation includes both program codes in Appendies H and I, respectively.

CHAPTER 6

RESULTS

6.1 Overview

This chapter discusses the relative performance of the eleven reach/frequency estimation models (the seven existing models, the newly developed three versions of the MBD (i.e., MBD (MBD without negative probability adjustment in univariate distribution) and MBD-ADJ and MBD-ADJ2 (MBD models with negative probability adjustment in univariate distribution), and Hyper Beta Distribution Model (one approximation model of MBD), tested in terms of the magnitude of the estimation error, the average percentage error in reach (AER) and the average percentage error in exposure distribution (APE), described in the previous chapter. Further, this chapter shows comparisons of final collapsed distributions of MBD and the two most accurate models, CANEX and CBD.

6.2 Magnitude of Model Estimation Error

Two measures of estimation error, described in Chapter Five, were calculated for the ten models tested. Table 6.1 contains the average error in reach estimate (AER) and the average percentage error in exposure distribution (APE) across 440 test schedules. One thing to be noted is that the new model was tested for 440 Web schedules containing 12 vehicles, because of the high computing time required when more than 13 vehicles are used. Table 6.1 summarizes the models' performances for the 2003 comScore data set.

6.2.1 The Average Percentage Errors in Reach (AER)

The AERs for each of the eleven models across the 440 schedules are given in Table 6.1. As shown in Table 6.1, in reach estimation, the three versions of the MBD model (i.e., one which doesn't adjust negative probabilities, and the others which adjust negative probabilities in univariate distributions) outperformed the other eight models in reach estimation for the comScore set. The MBD-ADJ2 provides the most accurate estimates, producing a 1.18% AER for the comScore data set. The MBD-ADJ model provides third-best after MBD for the comScore, with AERs of 1.40% and 1.34%, respectively. It can be seen that the HBD provides the fourth-best right after the MBD-ADJ, with AERs of 1.57% and 1.40 %, respectively.

In summary, for the Average Percentage Errors in Reach (AER), the MBD had the smallest AERs in the comScore data, and the HBD had the second smallest AER in the comScore data.

6.2.2 The Average Percentage Errors in Exposure Distribution (APE)

As shown in Table 6.1, the three versions of the MBD model (i.e., the one which doesn't adjust negative probabilities, and the others which adjust negative probabilities in univariate distributions) produced the estimates, producing a 10.19, 12.10 and 11.83 percent error in exposure distribution. The CANEX produced the most accurate estimates, producing 6.91 percent error in exposure distribution.

Table 6.2.1
Average Percentage Error in Reach (AER) and Average Percentage Error in Exposure Distribution (APE) (N=440)

Model	Error Type	
	AER (%)	APE (%)
BIN	17.27	50.77
BBD	7.23	37.91
CBD	1.60	8.80
CANEX	1.69	6.91
HBBD	3.72	38.30
MSAD	3.47	9.07
DMD	7.61	28.33
HBD	1.57	9.98
MBD	1.34	10.19
MBD-ADJ	1.40	12.10
MBD-ADJ2	1.18	11.83

Note: MBD: MBD model which doesn't adjust negative probabilities in univariate distribution
MBD-ADJ and MBD-ADJ2: MBD models with adjust negative probabilities in univariate distribution

The results of APEs for the MBD model (i.e., one which doesn't adjust negative probabilities, and the others, which adjust negative probabilities in univariate distributions) show that more work is needed to avoid negative probabilities and that zero adjustments to avoid negative probabilities in univariate distributions are not good enough to reduce the APEs. So, this study can be continued to try to resolve the negative probabilities in the univariate distribution issue.

6.3 Comparisons of MBD, CANEX and CBD

As shown in Table 6.1, the CANEX produced the most accurate estimates, producing 6.91 percent error in exposure distribution and was followed by the CBD, producing 8.80 percent error. This section, further, shows how many negative probabilities are in th final collapsed distributions of the CANEX and the CBD, while the three versions of MBD do not produce any negative probabilities in final collapsed distribution. Table 6.3.1 and Table 6.3.2 show some schedules for which the three

versions of MBD do not produce any negative probabilities in the final collapsed distributions but for which there are several negative probabilities in the collaposed distribution produced by CBD and the CANEX models. The point that MBD does not generate any negative probabilities in the final collapsed distribution is an important superiority over the CBD and the CANEX which, are leading multivariate models.

Table 6.3.1
The Final Collapsed Distributions of #297 for the three versions of MBD vs. CBD

MBD	MBD-ADJ	MBD-ADJ2	CBD	Actual Distribution
.1300	.1279	.1314	.152239	.1418
.1086	.1037	.1043	.130357	.0900
.4176	.4112	.4117	.358414	.4435
.1773	.1834	.1822	.160168	.1675
.1111	.1156	.l134	.148521	.1097
.0311	.0286	.0281	.036222	.0273
.0170	.0154	.0151	.012572	.0142
.0054	.0096	.0094	.001493	.0055
.0014	.0040	.0040	8.74E-05	.0005
.0002	.0004	.0004	-4.6E-05	0
0	0	0	-2.3E-05	0
0	0	0	-4.1E-06	0
0	0	0	-8.9E-07	0
0	0	0	-9.3E-08	0
0	0	0	-1.3E-08	0
0	0	0	-8.6E-10	0
0	0	0	-8.6E-11	0
0	0	0	-2.8E-12	0
0	0	0	-1.8E-13	0

Table 6.3.2.
The Final Collapsed Distributions of #108 for the three versions of MBD vs. CBD

MBD	MBD-ADJ	MBD-ADJ2	CANEX	Actual Distribution
.4531	.4531	.4531	.453821	.4555
.1116	.1116	.1116	.11193	.1064
.3816	.3816	.3816	.38087	.3852
.0454	.0454	.0454	.045121	.0464
.0078	.0078	.0078	.008096	.0065
.0004	.0004	.0004	.000186	0
0	0	0	-2.1E-05	0
0	0	0	-2.7E-06	0
0	0	0	-1.7E-07	0
0	0	0	0	0
0	0	0	0	0

CHAPTER 7

DISCUSSION AND CONCLUSION

7.1 Overview

This study develops and tests a new multivariate distribution model for the estimation of advertising vehicle exposure. For this study, a new multivariate model, called the Multivariate Beta Binomial Distribution model (MBD), was developed and compared with the current leading models, in terms of accuracy in the prediction of reach and frequency distributions. Therefore, the major goal of the MBD model was to increase the accuracy of the prediction of the audience exposure and alleviate the inherent problems in the existing models.

The Multivariate Beta Binomial Distribution Model (MBD) is the multivariate approach of the BBD model, which is known as the most accurate univariate model established to-date and the most prevalently used in practice. The MBD model overcomes the limitations of previous models, including, but not limited to, the BBD model, in various ways. First, the drawback of the BBD is its inability to work with vehicles with dissimilar audience values. The BBD may be a more accurate exposure distribution when it is applied to vehicles with similar audience values, but, when it is applied to the multiple-vehicle case, the problem of the “average” or “composite” vehicle arises, and this becomes part of the reason for its poor performance. However, the MBD model developed in this study is designed to work with multiple vehicles which have both disimilar audience values and similar audience values by specifying joint probability distributions.

Second, the MBD model developed in this study is also capable of handling different numbers of insertions in each vehicle, while the previous multivariate models must assume an equal number of insertions across vehicles, and they apply a recursion relation to obtain the unequal-insertion schedule distribution (e.g., the DMD). That is, the previous multivariate models require symmetrical insertions, which are rarely used in media planning practice.

The new multivariate distribution model is developed as two versions (i.e., one which doesn't adjust negative probabilities, and the others, which adjust negative probabilities in unvariate distributions). In addition, eight other media exposure models are evaluated against a database of 440 tabulated schedules, constructed from 2003 comScore Network data. The types of models tested include: three univariate models – the Binomial Distribution Model (BIN), the Beta Binomial Distribution Model (BBD), and the Hofmans Beta Binomial Distribution Model (HBBD) –; three multivariate models – the Dirichlet Multinomial Distribution Model (DMD), the Canonical Expansion Model (CANEX), and the Conditional Beta Distribution Model (CBD) –; one aggregation model, the Morgensztern Sequential Aggregation Model (MSAD); and one approximation model of the MBD – the Hyper Beta Distribution Model (HBD). All of the models tested are based on probability distributions. Some models are a combination of probability distributions and ad hoc methods.

The accuracy of the eleven models is assessed via two evaluation criteria of model performance – the Average Percentage Error in Reach (AER) and the Average Percentage Error in Exposure Distribution (APE). All models are compared according to their relative overall accuracy, as assessed by the two error measures.

The proposed new multivariate model – the Multivariate Beta Binomial Distribution Model (MBD) – was generally more accurate than the other eight models for the estimation of reach. For the estimation of the exposure distribution, the model proved more accurate than the Binomial Distribution Model (BIN), the Beta Binomial Distribution Model (BBD), the Hofmans Beta Binomial Distribution Model (HBBD), the Dirichlet Multinomial Distribution Model (DMD), but less accurate than the Canonical Expansion Model (CANEX), the Conditional Beta Distribution Model (CBD), the Morgensztern Sequential Aggregation Model (MSAD), and the Hyper Beta Distribution Model (HBD).

7.2 Discussion of the Results

Two measures of estimation error, described in Chapter Five, were calculated for the ten models tested. Table 6.1 contains the average error in reach estimate (AER) and the average percentage error in exposure distribution (APE) across 440 test schedules. One thing to be noted is that the new model was tested for 440 Web schedules containing 12 vehicles because of the high computing time required when more than 13 vehicles are used.

In reach estimation, the threeversions of the MBD model (i.e., the one which doesn't adjust negative probabilities and the others, which adjust negative probabilities in univariate distributions) outperformed the other eight models in reach estimation for the comScore set. The MBD-ADJ2 provides the most accurate estimates, producing 1.18% AER for the comScore data set. The HBD model provides the fourth-best, after the MBD-ADJ, for the comScore, with AERs of 1.57% and 1.40%, respectively. The MBD-

ADJ model provides third-best after MBD for the comScore, with AERs of 1.40% and 1.34%, respectively.

In summary, for the Average Percentage Errors in Reach (AER), the MBD had the smallest AERs in the comScore data, and the HBD had the second smallest AER in the comScore data.

7.3 Implcations of Results and Future Research Directions

With respect to the proposed AER criteria for performance, the new MBD models produced significantly better estimates than the eight previously published models. However, with respect to the proposed APE criteria, the performance of the versions of the MBD were in some respects disappointing, as the MBD models performed no better than the existing multivariate models – the CANEX and the CBD – even though the versions of the MBD outperformed the CANEX and the CBD with respect to AER. However, the important thing which should be noted is that the versions of the MBD worked remarkably well for schedules where CANEX and CBD generated negative probabilities at the final collapsed distributions. Even though the CANEX and CBD models produced smaller APEs than the MBD, their defects in generating negative probabilities in the final collapsed distributions would be inappropriate in practice.

Further, this study compares final MBD collapsed distributions expanded from the UD which doesn't adjust negative probabilities, and expanded from the UD which adjusts negative probabilities, and finds that the final MBD collapsed distribution is minimally impacted by the changing of negative probabilities to zeros. Negative probabilities problems have been suffered in many other fields (Dirac 1942; Feynman

1987; Evans 1998; Minnins et al. 2004). In 1942, Paul Dirac wrote a paper: "The Physical Interpretation of Quantum Mechanics," where he introduced the concept of negative energies and negative probabilities. "Negative energies and probabilities should not be considered as nonsense. They are well-defined concepts mathematically, like a negative of money." The idea of negative probabilities has later gotten increased attention in physics and particularly in quantum mechanics. Another famous physicist, Richard Feynman, argued that no one objects to using negative numbers in calculations, although "minus three apples" has no valid concept in real life. Similarly, he argues how negative proabilities, as well as probabilities above unity possibly could be useful in probability calculations (Dirac 1942; Feynman 1987). Negative probabilities have later been suggested to solve several problems and paradoxes. This is a promising area to be further investiaged for future media exposure model research.

Another promising area is the application of the Deming Iterative Proportional Fitting (IPF) to the UD when it has negative probabilities (Deming 1943) as the solution to the problems of negative probabilities in the UD. In the current MBD model, the UD joints do not always sum to the marginal 0 and 1 of each vehicle, which is a problem. As IPF would ensure that all joint distributions conform to all vehicle marginal distributions, one possible solution may be to do a fix-up of negative probabilities problems, which should be investigated for future research on the MBD model.

A third promising area is the incorporation of the higher-order consistency checks. The present study has only a first-order consistency check, but the MBD model might be more accurate if higher-order consistency checks are incorporated.

The extension of vehicle exposure to advertising exposure was beyond the scope of the present study. If advertising exposure and the further effects of advertising depend upon the unique characteristics of a given vehicle (as it is generally believed), the assignment of average probability of exposure to an advertisement to all vehicles is inadequate. A further improvement is expected in the exposure distribution estimation methods by pursing the following: first, an improvement is expected in the database. The models introduced in this study need to be tested on broadcast and mixed or inter-media schedules to establish model performance, although there is difficulty in developing inter-media schedules, due to the limitations of current data collection methods.

Finally, the major limitation of the complete MBD distribution is that the estimation of a complete n-dimensional exposure matrix is too demanding when the number of vehicles becomes large, even with the increasing capacity of modern computers. This is no doubt about the basis for employing a “sequential aggregation” method in syndicated models, as noted by Chandon (1976, p. 525). Joint exposure matrices for the first two vehicle pairs are combined into one matrix; this is then combined with the joint exposure matrix for the third vehicle pair in the schedule; the result is combined with the joint exposure matrix for the fourth vehicle pair, etc. It is readily seen that this is less demanding than the complete MBD method, but the order of aggregation will affect the results. Appendix H shows an example code of an approximated MBD approach, called the Hyper Beta Distribution (HBD), which uses the sequential aggregation approach. From a practical point of view, the practical implementation of the HBD should be further studied and developed to make a more viable MBD in the future.

When those accomplishments are achieved, the direction of further exposure estimation and reach estimation is clear. Increased accuracy may be achieved via a more complex multivariate model, and work will continue on these models in academia.

APPENDICES

APPENDIX A
Estimation of Beta Binomial via Greene & Stock (1967)s' Method

1. Estimation of parameters:

$m = \alpha$ = exposure parameter

$n = \beta$ = non-exposure parameter

$m+n = (p1 - p2) / (p2 - (p_1)^2)$

$m = p1 \times (m + n)$

$n = (m + n) - m$

where: $p1$ = average audience of a vehicle

$p2$ = within-vehicle duplication of that vehicle.

2. Expansion of the distribution:

$$Exp(0) = [n\ (n+1)(n+2) \ldots (n+x-1)] / [(m+n)(m+n+1)(m+n+2)\ldots(m+n+x-1)]$$

where:

Exp(0) = the zero exposure level, x = the total number of insertions in the vehicle.

3. Use of the recursion:

The remaining exposure levels are expanded via the recursive relationship due to Greene and Stock (1967)'s Readers' Digest method:

$$Exp(i+1) = Exp(i) \times [(x-i)/(i+1)] \times [(m+i)/(n+x-i-1)].$$

where:

Exp(i+1) = the exposure frequency level after level "i" or 0 for the first case.

4. An Example:

Data:

$p1 = .2$

$p2 = .1$

$x = 3$

Then:

(1) $m+n = (p1 - p2) / (p2 - (p_1)^2) = (.2-.1)/(.1-.2x.2) = 1.67$

$m = p1 \times (m+n) = .2 \times 1.67 = .33$

$n = (m+n) - m = 1.67-.33 = 1.34.$

(2) Exp(0) = (1.34×2.34×3.34)/(1.67×2.67×3.67) = .64
(3) Exp(1) = .64 × [(3-0)/(0+1)] × [(.33+0)/(1.34+3-0-1)] = .19
(4) Exp(2) = .19 × [(3-1)/(1+1)] × [(.33+1)/(1.34+3-1-1)] = .11
(5) Exp(3) = .11 × [(3-2)/(2+1)] × [(.33+2)/(1.34+3-2-1)] = .06.

5. Constraints on empirical data:

Since empirical data do not always adhere to the assumptions of the BBD, the following error checks on such data must always be made to ensure the consistency of the estimation with the bbd:

(1) If $p1 - p2 <= 0$, then $m+n = 1 \times 10^{32}$
(2) If $p2 - p1 = 0$, then $m+n = 1 \times 10^{-32}$
where:

$p1$ = average audience of a vehicle
$p2$ = within-vehicle duplication of that vehicle.

The logic of the above is that (1) indicates a random or less than random distribution (the binomial, in fact) so $m+n$ (which together indicate departure from random—the larger $m+n$, the closer the distribution is to random) are set approximately to random, given machine storage size. In the second case, the data indicate total within-vehicle duplication so that $m+n$ are set as close to total non-random as possible, given machine storage capabilities.

APPENDIX B
Derivation of the Direct Solution of MBD Simultaneous Equations

Let:

$m=\alpha=\frac{R_1(R_2-R_1)}{2R_1-R_2-R_1^2}$: the BBD alpha parameter

$n=\beta=\frac{\alpha(1-R_1)}{R_1}$: the BBD beta parameter

$R_{10}=\frac{m+0}{m+n+1}$ =reach of 1 insert for the 0 column of the joint 0,1 matrix of two vehicles

$R_{20}=\frac{m+1}{m+n+1}$ =the within-vehicle duplication for the 0 column of the joint 0,1, matrix of two vehicles

Where: m and n are derived from the columnar marginal of the joint 0, 1 exposure matrix of two vehicles.

(An example of a 0,1 joint probability matrix is shown below)

Exposure Probabilities for Two Vehicles (Given Data)

		Vehicle B		
	# of Exposures	0 column	1 column	Marginal A
Vehicle A	0	.58	.22	.80
	1	.12	.08	.20
	Marginal B	.70	.30	1.0

Estimated Joint Probability Matrix for Vehicle A

			Vehicle B		
Vehicle A	P_0	P_1	Total 0	Total 1	Marginal A
0	.79*(.59)=.47	.32(.11)=.035	**.51**	Not Needed	.70
1	.16(.59)=.09	.36(.11)=.040	.13	For Zero	.20
2	.05(.59)=.03	.32(.11)=.035	.06	Cell	.10
Marginal B	.59	.11	.70	.30	1.0
	α_0=.33	α_1=1.33			α = .33
	β_0=2.33	β_1=1.33			β =1.33

where: α, β are BBD parameters for the vehicle to be extended, and are estimated by method of moments[1]

α_i , β_i are new BBD parameters for each insertion level of the other vehicle

$\alpha_i = \alpha + i$, $\beta_i = \beta + t - i$ (where: i = i^{th} frequency cell, t = total number of insertions)

---

* $\binom{2}{0}\frac{\beta_i(\beta_i+1)}{(\alpha_i+\beta_i)(\alpha_i+\beta_i+1)}=\binom{2}{0}\frac{2.33\times(2.33+1)}{(.33+2.33)(.33+2.33+1)}=.79$

[1] $\alpha+\beta=(r_1-d_w)/(d_w-r_1^2)$ and $\alpha=r_1(\alpha+\beta)$ where: r_1 = average audience of vehicle A, d_w = within vehicle duplication of vehicle A (See Appendix A. The Beta Functional Model in Greene and Stocks [1967]).

Allocation of Each BBD to Extension Columns

Simultaneous Equations Form from Given Joint 0,1 Matrix Above for Vehicle A and B

(1) P_0 a + P_1 b = .12
.12 a + .50 b =.12
(2) a + b =.7

Therefore: a = .7- b
.12(.7-b)+.50b = .12
.08 – .12 b+ .50b = .12
.38 b = .04
a= .59 b = .11

---

where: $P_0 = (\alpha + 0)/(\alpha + \beta + 1)$, $P_1 = (\alpha + 1)/(\alpha + \beta + 1)$

From the joint 0,1 exposure matrix, the following two linear equations can be formed:

(1) $R_{10}\, a + R_{20}\, b = joint\ (1,0)$
(2) $a + b = marginal\ (0)$

---

and, therefore, $a = marginal(0) - b$

Let $C = joint(1,0)/marginal(0)$.

Then,

$$\frac{m+0}{m+n+1}a + \frac{m+1}{m+n+1}b = joint\ (1,0)$$

$$\frac{am}{m+n+1} + \frac{b(m+1)}{m+n+1} = joint(1,0)$$

$$\frac{am}{(m+n+1)(marginal(0))} + \frac{b(m+1)}{(m+n+1)(marginal(0))} = \frac{joint(1,0)}{marginal(0)} = C$$

$$\frac{m(marginal(0) - b) + (m+1)b}{marginal(0)(m+n+1)} = C$$

$$\frac{m\,\mathrm{arg}\,inal(0)m+b}{m\,\mathrm{arg}\,inal(0)(m+n+1)}=C$$

$$\frac{m\,\mathrm{arg}\,inal(0)m+b}{m\,\mathrm{arg}\,inal(0)}=C(m+n+1)$$

$$m+\frac{b}{m\,\mathrm{arg}\,inal(0)}=C(m+n+1)$$

$$\frac{b}{m\,\mathrm{arg}\,inal(0)}=C(m+n+1)-m$$

$b=(C(m+n+1)-m)marginal(0)$

and $a=1.0-b$.

APPENDIX C

Proof of the Beta Parameters for each cell $\alpha' = \alpha + x$ **,** $\beta' = \beta + n - x$

1. If it is known that individual *i* has been exposed to a vehicle *x* times out of *n* insertions, *i*'s probability of having an exposure, *p*, is given by the following beta distribution:

(1) $\beta(p \mid x, n-x) = \frac{(n-1)!}{(x)!(n-x-1)!} p^{x-1}(1-p)^{n-x-1}$

2. Bayes' Theorem:

(2) $p(A|B) = \frac{p(B \mid A)\,p(A)}{p(B)}$

Where: p(A|B)=posterior probability
p(A)= the likelihood
p(B)=marginal probability

(3) $p(H|D) \propto p(D|H)p(H)$ ("$\propto$" is proportional to)
where: A has been replaced by H (a hypothesis) and B by D (observed data)

Equation (3) states that the probability of the hypothesis being true, given the fact that specific data have been observed, varies with ("$\propto$" is proportional to) the likelihood of the observed data when the hypothesis is true multiplied by the prior probability of the hypothesis.

3. Under the assumption that prior probabilities can be expanded a $p \sim U(0,1)$ (a uniform distribution of p), the posterior probability is:

(4) $p(p|x) \propto p^{x}(1-p)^{n-x}$ ("$\propto$" is proportional to) which is the kernel of the beta distribution in (1) with parameters: parameter $\alpha = x+1$, parameter $\beta = n$

4. If we assume a beta distribution as the prior distribution of *p* rather than a uniform distribution as in (4) which is:

(5) $\pi(p) = \frac{\Gamma(\alpha_0 + \beta_0)}{\Gamma(\alpha_0)\Gamma(\beta_0)} p^{\alpha_0 - 1}(1-p)^{\beta_0 - 1}$

with:

(6) $p(p|x) \alpha \; p^{x}(1-p)^{n-x} \; p^{\alpha_0 - 1}(1-p)^{\beta_0 - 1}$

then

(7) $p(p|x) = p^{\alpha_0 + x - 1}(1-p)^{\beta_0 + n - x - 1}$ with parameters: $\alpha = \alpha_0 + x$, $\beta = \beta_0 + n - x$

or

(8) $p(p|\,\alpha + x, \beta + n - x) = \dfrac{\Gamma(\alpha + \beta + n)}{\Gamma(\alpha + x)\Gamma(\beta + n - x)} p^{\alpha + x - 1}(1-p)^{\beta + n - x - 1}$

5. The mean probability for the beta distribution in (8) is:

   (9) $\dfrac{\alpha + x}{(\alpha + \beta + n)}$

   (9) is the mean probability of *p* for the *x* exposure level of the full frequency distribution

6. The parameters for each frequency level (each cell of the frequency distribution) for the distribution of *p* are, therefore, the parameters of (8):

   $$\alpha' = \alpha + x, \beta' = \beta + n - x$$

   where: α' = exposure parameter for cell *x*

   β' = non exposure parameter for cell *x*

7. Since, in Bayes' theorem, the prior probabilities of *p* as in (5) are called "personal probabilities," this term is also applied to the beta distribution of *i*'s probabilities in each cell of the exposure distribution

8. Since (8) is a beta distribution with parameters α' and β', this can be expanded as a beta binomial distribution with parameters α', β' and *n* insertions to provide the probabilities of exposure to each insertion for each frequency cell:

   (10) $_nF_x = \binom{n}{x} \dfrac{\Gamma(\alpha' + \beta')}{\Gamma(\alpha')\Gamma(\beta')} \int_0^1 p^{\alpha' - x}(1-p)^{\beta' + n - x} dp$

   (11) $_nF_x = \binom{n}{x} \dfrac{\Gamma(\alpha' + \beta')\Gamma(\alpha' + x)\Gamma(\beta' + n - x)}{\Gamma(\alpha')\Gamma(\beta')\Gamma(\alpha' + \beta' + n)}$

Or, for computational purposes:

$$ {}_nF_x = \binom{n}{x} \frac{(\alpha' + x - 1)(\alpha' + x - 2)..\alpha'(\beta' + n - x - 1)\Gamma(\beta' + n - x - 2)...\beta'}{(\alpha' + \beta' + n - 1)(\alpha' + \beta' + n - 2)...(\alpha' + \beta')} $$

where ${}_nF_x$ =probability of exposure to frequency level F_x out of *n* insertions

where:

$$ (\alpha + \beta) = \frac{\overline{A} - \overline{d}_w}{\overline{d}_w - \overline{A}^2} $$

$$ \alpha = \overline{A}(\alpha + \beta) $$

$$ \beta = (\alpha + \beta) - \alpha $$

where $\overline{A}$ =average single insertion

d_w =within-vehicle duplication and $\alpha' = \alpha + x$, $\beta' = \beta + n - x$

where *x*=insertion level number *n*=total number of insertions

APPENDIX D
Empirical Data Consistency Check Sequence for MBD Model

Step 1. Do the between-vehicle duplication tests for consistency of the empirical data with the theory of the multivariate beta model (see Java code for doing this below).

It is imperative at the onset that we are working with consistent measured data prior to any estimations based upon those data.

Do this test for all possible pairs of vehicles.

```
double duptest;
      for(int i=1;i<m;i++){
          for(int j=i+1;j<=m;j++){

              margtest[1] = (audience[i] - withindup[i]) * 2;
              margtest[2] = withindup[i];

              margtest[4] = (audience[j] - withindup[j]) * 2;
              margtest[5] = withindup[j];

              duptest = dup[i][j];

              jTextAreaOutput.append("\n dup[i][j] before mbd test=  "
+ dup[i][j]);

              between_dup_test(duptest,margtest);

              dup[i][j] = duptestresult;

              jTextAreaOutput.append("\n dup[i][j] after mbd test=  " +
dup[i][j]);

          }
      }

public double between_dup_test(double duptest,double margtest[]){

      //method between_dup_test is a check on the fitness of the
between-vehicle duplication with
      //multivariate beta distribution.  The between-dup must not be so
small that it
      //causes the joint distribution to be greater than 1.00.  It must
not also be so large that it
      //causes the joint distribution in method mulbet (the
multivariate beta procedure)  to be less than either of the two
marginals.

      //The above will be ok as long as the conditional probabilities
do not exceed the minimum and
      //maximum conditional probabilities from the vehicles' own
distribution.  That is, one use of
      //a second vehicle cannot be greater than the duplication of
adding an insertion in the same vehicle.
```

```
      //To make sure this is the case, the interior betas
(conditionals) must not have a mean
      //probability > the mean of the components or < the mean of each
of the components (conditionals).
      //The mean is alpha/(alpha + beta)--m and n below and this is
calculated for each of the two
      //components so the consistency test can be made below.

      double margin[][] = new double[40][40];
      double qnt,qnta,qntb,qntc,mnta;
      double mnt[] = new double[40];
      double mmt[] = new double[40];
      double nnt[] = new double[40];
      int itest;



      //get margtest into two-dimensional array
      margin[1][1] = margtest[1];
      margin[1][2] = margtest[2];

      margin[2][1] = margtest[4];
      margin[2][2] = margtest[5];

      for (itest =1;itest<=2;itest++){

        margin[itest][1] = .5 * margin[itest][1] +
margin[itest][2];  //the r1
        if(margin[itest][2] - margin[itest][1]*margin[itest][1] <= 0.0)
          margin[itest][2] = margin[itest][1]*margin[itest][1] * 1.001;

        mnta = (margin[itest][1] - margin[itest][2])/(margin[itest][2]
- margin[itest][1]*margin[itest][1]);
        if (mnta == 0.0)
          mnta = 10e-16;
        mmt[itest] = mnta * margin[itest][1];
        nnt[itest] = mnta - mmt[itest];
      }

      qnt = mmt[1]/(mmt[1] + nnt[1] + 1);
      qnta = (mmt[1] + 1)/(mmt[1] + nnt[1] +1);
      qntb =mmt[2]/(mmt[2] + nnt[2] +1);
      qntc = (mmt[2] +1)/(mmt[2] + nnt[2] + 1);

      if (duptest/margin[2][1] <= qnt)
        duptest = qnt * margin[2][1];

      if (duptest/margin[2][1] > qnta)
        duptest = qnta * margin[2][1];

      if (duptest/margin[1][1] <= qntb)
        duptest = qntb * margin[1][1];
```

```
  if (duptest/margin[1][1] > qntc)
    duptest = qntc * margin[1][1];


  if ((margin[1][1] - duptest)/(1 - margin[2][1]) <= qnt)
    duptest = margin[1][1] - qnt * (1 - margin[2][1]);

  if ((margin[1][1] - duptest)/(1 - margin[2][1]) > qnta)
    duptest = margin[1][1] - qnta * (1 - margin[2][1]);

  if ((margin[2][1] - duptest)/(1 - margin[1][1]) <= qntb)
    duptest = margin[2][1] - qntb * (1 - margin[1][1]);

  if ((margin[2][1] - duptest)/(1 - margin[1][1]) > qntc)
    duptest = margin[2][1] - qntc * (1 - margin[1][1]);


  //for (itest=1;itest<=2;itest++)
    //2 * (margin[itest][1] - margin[itest][2]);

  duptestresult = duptest;
  return duptestresult;
}
```

Step 2. Calculate the pair-wise zero cell (1.0000 – reach) from the resulting duplications from step 1 above (do for all possible pairs).

For example, if we have R1(i) and R1(j) as the single-insertion average measured vehicle audiences and betdup(i,j) as the between-vehicle duplication as the outcome from the duptest above (which may or may not be an adjusted to mbd hypothesis betdup, depending on consistency of empirical data with the duptest in Step 1.):

zerovehicle(i,j) = 1.00000 – (R1(i) + R1(j) – betdup(i,j))

Step 3. Calculate the mean R1(average audience) and mean R2 (between-dup) as input to bbd estimation of the zero cell for a triplication of vehicles:

meanR1 = (R1(i) + R1(j) + R1(k))/3

meanR2 = (betdup(i,j) + betdup(i,k) + betdup(j,k))/3

Step 4. Estimate the triplication zero cell via the bbd (it will probably be better to estimate the zero cell with the bbd rather than the triplication directly (3 things taken three a time) since the numerator in the bbd for the triplication will sometimes become very small compared to the much larger numerator for the zero cell.

tripzero(m) = 1.00000 – BBD reach of 3

Step 5. Do the following test of the estimated zero cell which is the NOT P(ABC):

If tripzero(m) >= zerovehicle(i,j) then tripzero(m) = .9999 * zerovehicle(i,j)
If tripzero(m) >= zerovehicle(i,k) then tripzero(m) = .9999 * zerovehicle(i,k)
If tripzero(m) >= zerovehicle(j,k) then tripzero(m) = .9999 * zerovehicle(j,k)

Repeat above for all estimated trips.
Step 6. Do the following estimation using Waring's theorem:

trip(m) = 1.0000 – tripzero(m) – 3*meanR1 + 3*meanR2

Step 7. Now, test the triplications:

Test A: If trip(m) <= 0.0 then trip(m) = R1(i) * R1(j) * R1(k) (i.e, random duplication will be used in place of actual observed or measured duplication)

Then, Test B:

If trip(m) >= betdup(i,j) then trip(m) = betdup(i,j) * .9999
If trip(m) >= betdup(i,k) then trip(m) = betdup(i,k) * .9999
If trip(m) >= betdup(j,k) then trip(m) = betdup(j,k) * .9999

Step 8. Finally, calculate the not triplication based upon the above tests for use in quad calculations:

tripzero(m) = 1.0000 – trip(m) – 3 * meanR1 + 3 * meanR2

Step 9. After calculation of the triplications in Steps 1-6 above, then the quadruplications can be estimated using the same procedures and tests except that the test for betdups(i,j) will not be done as it only needs to be done at the beginning and those betdups remain in force for the entire estimation process.

For example for quadruplications:

Step (1). Calculate meanR1 and meanR2 as in Step 3 but using four vehicles.

Step (2). Estimate the four-vehicle zero cell (quadzero(m) via 1.000 – BBD reach of 4 vehicles—(quadzero(m) being the not P(ABCD)).

Step (3). If quadzero(m) >= tripzero(m) then quadzero(m) = .9999 * tripzero(m).

Step (4). meanR3 = sum of the preceding trip(m)'s.

Step (5). quad(m) = 4* meanR1 + 4*meanR3 + quadzero(m) – 1.0000 – 6 * meanR2 using, again, Waring's Theorem.
Step (6). Test quad(m):

if quad(m) <= 0.000 then quad(m) = R1(i) * R1(j) * R1(k) * R1(L) i.e., random duplication in place of observed duplication for the four vehicles involved.

if quad(m) >= trip(m) then quad(m) = .9999 * trip(m)

Step (7). Now, calculate the quadzero(m) based upon the above to be used in the next step (quintuplication):

quadzero(m) = 1.0000 + 6 * meanR2 + quad(m) – 4 * meanR1 – 4*meanR3.

******And so forth for the higher order tuplications.

APPENDIX E
440 TESTED RANDOM SCHEDULE

THE LIST OF VEHICLES USED

---

1 1 2 1 17 13
2 1 2 2 14 7
3 1 2 3 6 13
4 1 2 4 8 15
5 1 2 5 5 1
6 1 2 6 22 5
7 1 2 7 5 6
8 1 2 8 21 20
9 1 2 9 19 23
10 1 2 10 20 5
11 1 2 11 10 9
12 1 2 12 4 16
13 1 2 13 9 21
14 1 2 14 18 5
15 1 2 15 16 12
16 1 2 16 17 21
17 1 2 17 24 19
18 1 2 18 16 6
19 1 2 19 21 14
20 1 2 20 24 16
21 1 2 21 20 2
22 1 2 22 14 6
23 1 2 23 21 7
24 1 2 24 6 12
25 1 2 25 11 1
26 1 2 26 5 16
27 1 2 27 5 19
28 1 2 28 1 22
29 1 2 29 8 6
30 1 2 30 11 15
31 1 2 31 19 20
32 1 2 32 23 2
33 1 2 33 7 3
34 1 2 34 18 14
35 1 2 35 9 22
36 1 2 36 20 6
37 1 2 37 12 9
38 1 2 38 24 13
39 1 2 39 23 1
40 1 2 40 2 19
41 1 3 1 6 12 20
42 1 3 2 15 12 23
43 1 3 3 15 12 5
44 1 3 4 23 14 12
45 1 3 5 7 21 2
46 1 3 6 18 11 17
47 1 3 7 7 19 3
48 1 3 8 13 6 23
49 1 3 9 4 10 21
50 1 3 10 18 6 17
51 1 3 11 20 9 16
52 1 3 12 13 21 16

```
53  1  3  13  9  1  5
54  1  3  14  19  18  3
55  1  3  15  10  15  17
56  1  3  16  16  9  2
57  1  3  17  16  15  19
58  1  3  18  20  12  11
59  1  3  19  24  16  10
60  1  3  20  4  18  17
61  1  3  21  1  14  10
62  1  3  22  16  6  22
63  1  3  23  3  11  18
64  1  3  24  2  16  22
65  1  3  25  11  15  5
66  1  3  26  17  20  7
67  1  3  27  5  22  7
68  1  3  28  8  12  16
69  1  3  29  21  17  18
70  1  3  30  19  5  9
71  1  3  31  17  15  4
72  1  3  32  17  2  14
73  1  3  33  19  2  6
74  1  3  34  4  15  1
75  1  3  35  7  1  10
76  1  3  36  2  9  22
77  1  3  37  13  6  2
78  1  3  38  15  2  3
79  1  3  39  13  18  23
80  1  3  40  13  2  20
81  1  4  1  21  20  22  14
82  1  4  2  16  8  3  21
83  1  4  3  9  19  22  10
84  1  4  4  9  3  5  19
85  1  4  5  16  14  1  8
86  1  4  6  16  15  5  6
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APPENDIX F
COMSCORE DATA SET

VEHICLES	AVERAGE AUDIENCE	CUMULATIVE AUDIENCE	# OF AD INDSERTIONS
yahoo.com	49.02	58.05	2
go.com	4.26	6.6	2
msn.com	38.16	45.17	2
ebay.com	13.12	19.86	2
microsoft.com	14.51	21.22	2
aol.com	44.33	47.63	2
lycos.com	3.11	4.8	2
amazon.com	3.19	5.62	2
real.com	2.07	3.6	2
netscape.com	3.79	5.07	2
geocities.com	2.92	5.56	2
google.com	9.9	15.17	2
windowsmedia.com	3.46	5.84	2
msnbc.com	2.37	3.93	2
earthlink.net	2.35	3.16	2
cnn.com	2.59	4.31	2
digitalcity.com	3.3	5.35	2
ask.com	1.53	2.73	2
excite.com	1.94	2.51	2
mcafee.com	3	3.71	2
overture.com	2.21	3.98	2
monster.com	1.42	2.4	2
weather.com	3.33	5.02	2
netzero.net	1.09	1.75	2
bankofamerica.com	2.05	2.95	2

		BETWEEN DUPS
1	2	2.37
1	3	17.47
1	4	7.19
1	5	7.24
1	6	15.88
1	7	1.95
1	8	1.72
1	9	1.13
1	10	1.77
1	11	1.98
1	12	4.81
1	13	1.84
1	14	1.13
1	15	1.23
1	16	1.16
1	17	1.58

1	18	0.78
1	19	1.12
1	20	1.39
1	21	1.16
1	22	0.57
1	23	1.57
1	24	0.68
1	25	1.04
2	3	2.21
2	4	0.67
2	5	0.65
2	6	1.91
2	7	0.18
2	8	0.18
2	9	0.15
2	10	0.18
2	11	0.27
2	12	0.46
2	13	0.37
2	14	0.14
2	15	0.04
2	16	0.25
2	17	0.16
2	18	0.11
2	19	0.10
2	20	0.10
2	21	0.15
2	22	0.11
2	23	0.29
2	24	0.03
2	25	0.14
3	4	5.13
3	5	7.21
3	6	10.28
3	7	1.15
3	8	1.17
3	9	1.04
3	10	0.97
3	11	1.49
3	12	3.98
3	13	1.62
3	14	2.03
3	15	0.78
3	16	0.80
3	17	1.00
3	18	0.60
3	19	0.57
3	20	1.16

3	21	1.36
3	22	0.65
3	23	1.32
3	24	0.42
3	25	0.57
4	5	2.24
4	6	4.65
4	7	0.63
4	8	1.06
4	9	0.33
4	10	0.38
4	11	0.76
4	12	2.17
4	13	0.57
4	14	0.23
4	15	0.31
4	16	0.37
4	17	0.38
4	18	0.18
4	19	0.37
4	20	0.35
4	21	0.40
4	22	0.25
4	23	0.57
4	24	0.08
4	25	0.22
5	6	3.93
5	7	0.34
5	8	0.27
5	9	0.37
5	10	0.60
5	11	0.37
5	12	1.36
5	13	0.63
5	14	0.59
5	15	0.40
5	16	0.29
5	17	0.38
5	18	0.22
5	19	0.25
5	20	0.71
5	21	0.48
5	22	0.22
5	23	0.63
5	24	0.19
5	25	0.40
6	7	0.97
6	8	1.64

6	9	0.97
6	10	2.51
6	11	1.46
6	12	4.01
6	13	1.27
6	14	0.61
6	15	0.41
6	16	1.43
6	17	3.12
6	18	0.74
6	19	0.65
6	20	0.97
6	21	0.46
6	22	0.80
6	23	1.02
6	24	0.27
6	25	0.98
7	8	0.11
7	9	0.16
7	10	0.10
7	11	0.10
7	12	0.41
7	13	0.15
7	14	0.08
7	15	0.12
7	16	0.01
7	17	0.05
7	18	0.00
7	19	0.15
7	20	0.20
7	21	0.10
7	22	0.11
7	23	0.10
7	24	0.03
7	25	0.01
8	9	0.11
8	10	0.12
8	11	0.15
8	12	0.65
8	13	0.23
8	14	0.03
8	15	0.05
8	16	0.12
8	17	0.15
8	18	0.07
8	19	0.14
8	20	0.11
8	21	0.10

8	22	0.04
8	23	0.03
8	24	0.04
8	25	0.03
9	10	0.00
9	11	0.10
9	12	0.40
9	13	0.19
9	14	0.08
9	15	0.15
9	16	0.01
9	17	0.00
9	18	0.07
9	19	0.05
9	20	0.05
9	21	0.01
9	22	0.03
9	23	0.16
9	24	0.00
9	25	0.05
10	11	0.22
10	12	0.34
10	13	0.15
10	14	0.10
10	15	0.01
10	16	0.71
10	17	0.38
10	18	0.01
10	19	0.00
10	20	0.00
10	21	0.10
10	22	0.19
10	23	0.04
10	24	0.04
10	25	0.04
11	12	0.67
11	13	0.22
11	14	0.05
11	15	0.07
11	16	0.08
11	17	0.11
11	18	0.01
11	19	0.10
11	20	0.11
11	21	0.12
11	22	0.05
11	23	0.03
11	24	0.04

11	25	0.03
12	13	0.44
12	14	0.15
12	15	0.29
12	16	0.41
12	17	0.33
12	18	0.18
12	19	0.31
12	20	0.27
12	21	0.35
12	22	0.19
12	23	0.60
12	24	0.15
12	25	0.23
13	14	0.10
13	15	0.07
13	16	0.07
13	17	0.12
13	18	0.01
13	19	0.14
13	20	0.12
13	21	0.10
13	22	0.00
13	23	0.16
13	24	0.04
13	25	0.12
14	15	0.11
14	16	0.10
14	17	0.08
14	18	0.03
14	19	0.03
14	20	0.00
14	21	0.19
14	22	0.05
14	23	0.10
14	24	0.01
14	25	0.10
15	16	0.01
15	17	0.11
15	18	0.01
15	19	0.08
15	20	0.05
15	21	0.01
15	22	0.01
15	23	0.22
15	24	0.01
15	25	0.00
16	17	0.10

16	18	0.04
16	19	0.00
16	20	0.05
16	21	0.01
16	22	0.08
16	23	0.12
16	24	0.01
16	25	0.03
17	18	0.01
17	19	0.01
17	20	0.05
17	21	0.08
17	22	0.01
17	23	0.14
17	24	0.01
17	25	0.07
18	19	0.07
18	20	0.01
18	21	0.01
18	22	0.01
18	23	0.01
18	24	0.00
18	25	0.00
19	20	0.05
19	21	0.00
19	22	0.03
19	23	0.16
19	24	0.00
19	25	0.01
20	21	0.05
20	22	0.04
20	23	0.03
20	24	0.03
20	25	0.00
21	22	0.01
21	23	0.11
21	24	0.08
21	25	0.07
22	23	0.03
22	24	0.08
22	25	0.08
23	24	0.00
23	25	0.04
24	25	0.00

APPENDIX G
TABBED SCHEDULE

THE ACTUAL EXPOSURE DISTRIBUTIONS

1	2	.892	.0818	.0251	.0011	.
2	2	.9143	.0633	.0207	.0016	.
3	2	.4888	.09	.4015	.0158	.0038
4	2	.9138	.0622	.0235	.0005	.
5	2	.3382	.1822	.3797	.0704	.0295
6	2	.7692	.1457	.0829	.0016	.0005
7	2	.3797	.1364	.4277	.0398	.0164
8	2	.9242	.0486	.0262	.0011	.
9	2	.9274	.0431	.0267	.0022	.0005
10	2	.7627	.1364	.0933	.0033	.0044
11	2	.9133	.0562	.0306	.	.
12	2	.767	.156	.0742	.0011	.0016
13	2	.9247	.0649	.0104	.	.
14	2	.766	.1506	.0802	.0033	.
15	2	.8167	.1211	.0584	.0033	.0005
16	2	.9094	.0715	.0185	.0005	.
17	2	.9574	.0245	.018	.	.
18	2	.5057	.0775	.3944	.0175	.0049
19	2	.9264	.0578	.0136	.0022	.
20	2	.94	.0464	.0136	.	.
21	2	.8991	.0584	.0409	.0016	.
22	2	.4965	.084	.4103	.0076	.0016
23	2	.9154	.0633	.0207	.0005	.
24	2	.4419	.1058	.3944	.0415	.0164
25	2	.4146	.1582	.4032	.0218	.0022
26	2	.7523	.1566	.0884	.0022	.0005
27	2	.7681	.1386	.09	.0027	.0005
28	2	.4081	.1855	.3961	.0104	.
29	2	.4975	.0862	.3884	.024	.0038
30	2	.9149	.0655	.0191	.0005	.
31	2	.9384	.0256	.0355	.	.0005
32	2	.8903	.072	.0338	.0033	.0005
33	2	.5232	.1473	.3142	.0115	.0038
34	2	.934	.0546	.0109	.0005	.
35	2	.9411	.048	.0109	.	.
36	2	.5008	.0704	.4163	.0065	.006
37	2	.8221	.1217	.0513	.0044	.0005
38	2	.9258	.0573	.0169	.	.
39	2	.4004	.1789	.3988	.0169	.0049
40	2	.9111	.0556	.0316	.0016	.
41						
3	.4228	.1064	.3983	.0496	.0224	.
.0005						
42						
3	.7883	.1293	.0698	.0076	.0049	.
.						
43						
3	.6492	.1953	.1342	.0142	.0065	.0005
.						
44						
3	.7758	.1489	.0671	.0038	.0044	.
.						
45						
3	.8571	.0987	.0409	.0027	.	.0005
.						
46						
3	.8674	.1118	.0191	.0016	.	.
.						
47						
3	.5106	.1468	.3175	.018	.0071	.
.						
48						
3	.4604	.1009	.4026	.0284	.0071	.0005
.						

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3           .7332       .1631       .0922       .0109       .0005       .
          .
50
3           .5106       .0693       .3601       .0464       .0136       .
          .
51
3           .8871       .0742       .0371       .0016       .           .
          .
52
3           .8647       .1064       .0278       .0011       .           .
          .
53
3           .3295       .1839       .3666       .0867       .0316       .0016
          .
54
3           .5205       .1478       .3142       .0136       .0038       .
          .
55
3           .8767       .0644       .0535       .0044       .0011       .
          .
56
3           .8663       .0938       .0349       .0049       .           .
          .
57
3           .9018       .0606       .0366       .0005       .0005       .
          .
58
3           .7807       .1375       .0682       .012        .0016       .
          .
59
3           .9029       .0584       .0278       .0082       .0027       .
          .
60
3           .7349       .1789       .0797       .0055       .0011       .
          .
61
3           .3824       .186        .389        .0311       .0109       .0005
          .
62
3           .4954       .0851       .3873       .0229       .0082       .0011
          .
63
3           .5106       .1626       .2935       .0306       .0027       .
          .
64
3           .8794       .0807       .0349       .0049       .           .
          .
65
3           .7196       .1773       .0933       .0076       .0022       .
          .
66
3           .868        .0807       .0475       .0027       .0011       .
          .
67
3           .7338       .1593       .1004       .0055       .0011       .
          .
68
3           .7774       .1462       .0644       .0104       .0011       .
          .0005
69
3           .8833       .0933       .0229       .0005       .           .
          .
70
3           .742        .1544       .0971       .0049       .0011       .0005
          .
```

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71
3           .7349       .1664       .0895       .0071       .0022       .
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72
3           .8494       .1086       .0371       .0038       .0011       .
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73
3           .4768       .0873       .3955       .0295       .0109       .
        .
74
3           .3388       .186        .3633       .0742       .0349       .0016
        .0011
75
3           .3846       .1833       .3792       .0349       .018        .
        .
76
3           .8827       .0824       .0322       .0027       .           .
        .
77
3           .4637       .0966       .3873       .0398       .0125       .
        .
78
3           .5019       .1566       .3001       .0273       .0142       .
        .
79
3           .8696       .0966       .0316       .0022       .           .
        .
80
3           .8522       .0895       .0518       .0049       .0016       .
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81
4           .8696       .0851       .0409       .0044       .           .
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82
4           .4834       .1686       .2984       .042        .0071       .
        .0005       .           .
83
4           .8707       .0786       .0475       .0022       .0011       .
        .           .           .
84
4           .4375       .1566       .2853       .0807       .0366       .0022
        .0005       .0005       .
85
4           .3693       .1877       .3835       .0502       .0087       .
        .0005       .           .
86
4           .3481       .1446       .4201       .0606       .0245       .0022
        .           .           .
87
4           .4392       .1648       .3126       .0606       .0207       .0022
        .           .           .
88
4           .8205       .1364       .0371       .0049       .0011       .
        .           .           .
89
4           .4714       .1675       .311        .0355       .0109       .0038
        .           .           .
90
4           .7785       .1511       .0649       .0049       .0005       .
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91
4           .4512       .1069       .3873       .0327       .0202       .0016
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92
4           .2133       .1331       .3895       .1358       .1118       .0147
        .0005       .0011       .
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5           .1948       .1348       .3732       .1457       .1217       .0207
        .0071       .0016       .0005       .           .
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5           .2013       .1364       .3688       .1457       .1173       .0218
        .0082       .0005       .           .           .
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142
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5           .7927       .1429       .054        .0076       .0022       .0005
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145
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149
5           .4534       .1124       .3432       .0693       .0191       .0027
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150
5           .7152       .1839       .084        .0142       .0022       .0005
        .           .           .           .           .
151
5           .1839       .1162       .3415       .1615       .1413       .0322
        .0175       .0055       .0005       .           .
152
5           .3955       .1238       .3682       .0666       .0338       .0082
        .0033       .0005       .           .           .
153
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        .           .           .           .           .
154
5           .3873       .1353       .3764       .0698       .0207       .0087
        .0016       .           .           .           .
155
5           .3492       .1839       .3682       .0666       .0289       .0033
        .           .           .           .           .
156
5           .4452       .1091       .3863       .0453       .0125       .0016
        .           .           .           .           .
157
5           .7256       .1538       .0971       .0175       .006        .
        .           .           .           .           .
158
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165
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12 .3104 .186 .2662 .132 .0676 .0213
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406
12 .0131 .024 .3535 .2062 .1964 .1064
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407
12 .437 .2428 .1844 .0813 .0355 .0142
.0033 .0011 .0005 . . .
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408
12 .1582 .0944 .4103 .1631 .1031 .0355
.0278 .0055 .0005 .0016 . .
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409
12 .1402 .0927 .3868 .1713 .1249 .0518
.0196 .0093 .0011 .0016 .0005 .
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410
12 .1386 .0938 .407 .1746 .1146 .0415
.0213 .0055 .0033 . . .
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411
12 .5292 .2139 .1653 .0611 .024 .0044
.0011 .0005 .0005 . . .
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412
12 .2095 .1511 .3666 .1446 .0857 .0278
.0104 .0033 .0011 . . .
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413
12 .1375 .0944 .2608 .1959 .162 .078
.0469 .0169 .0049 .0016 .0011 .
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414
12 .018 .0213 .3486 .2193 .2013 .0944
.0611 .0218 .0076 .0038 .0016 .0005
.0005 . . . . . .
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415
12 .018 .0262 .3486 .2062 .198 .0977
.0606 .0245 .0125 .0049 .0011 .0016
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416
12 .3966 .2422 .1855 .102 .0447 .0185
.0082 .0016 .0005 . . .
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417
12 .263 .156 .3622 .1309 .0638 .0169

.0065 . .0005 . . . .
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418
12 .2111 .1517 .3573 .1451 .0917 .0273
.0104 .0044 .0011 . . .
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419
12 .0606 .0567 .3437 .2128 .1648 .0933
.042 .0158 .0049 .0033 .0022 .
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420
12 .0273 .0366 .3682 .2144 .1844 .0889
.048 .0175 .0093 .0049 .0005 .
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421
12 .2133 .1593 .2902 .1604 .1064 .0442
.018 .0076 .0005 . . .
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422
12 .2209 .1598 .3115 .1544 .0818 .0376
.0273 .0038 .0022 .0005 . .
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423
12 .239 .1691 .3208 .1566 .0802 .0218
.0093 .0033 . . . .
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424
12 .1326 .0927 .2395 .1849 .1626 .084
.0556 .0284 .0109 .0071 .0005 .0011
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425
12 .0938 .0775 .389 .1817 .15 .0726
.0229 .0087 .0027 .0011 . .
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426
12 .269 .1555 .3175 .1337 .0813 .0322
.0082 .0022 .0005 . . .
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427
12 .2586 .174 .3546 .126 .0551 .0202
.0082 .0022 .0005 .0005 . .
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428
12 .2957 .1757 .3464 .1124 .0518 .0131
.0044 .0005 . . . .
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429
12 .1953 .1511 .2881 .1691 .1102 .048
.0245 .0093 .0033 .0011 . .
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430
12 .0295 .0349 .3655 .2177 .1942 .0829
.048 .0153 .0071 .0033 .0016 .

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431
12 .0082 .0125 .3088 .2319 .2051 .1097
.0627 .0333 .0191 .0055 .0033 .
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432
12 .3939 .24 .1931 .0944 .0518 .0158
.0087 .0016 .0005 . . .
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433
12 .2739 .1451 .3573 .1271 .0676 .0213
.006 .0011 .0005 . . .
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434
12 .1457 .0889 .4032 .1789 .1097 .0415
.0196 .0087 .0027 .0011 . .
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435
12 .0769 .0687 .3792 .2144 .1478 .0726
.0295 .0055 .0044 .0011 . .
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436
12 .1397 .1113 .2946 .1828 .1626 .0611
.0327 .0098 .0027 .0016 .0011 .
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437
12 .1288 .0922 .3732 .1855 .1293 .0606
.018 .0093 .0033 . . .
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438
12 .2248 .1533 .3071 .1549 .0829 .042
.0278 .0044 .0011 .0011 .0005 .
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439
12 .2313 .1806 .3148 .1538 .0818 .0251
.0093 .0033 . . . .
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440
12 .2215 .1604 .317 .1511 .0846 .036
.0196 .0065 .0022 .0005 .0005 .
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441
13 .1173 .0867 .3492 .1882 .1348 .0698
.0295 .012 .0076 .0044 .0005 .
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442
13 .0666 .0578 .3464 .2177 .1697 .0736
.0447 .0169 .006 . .0005 .
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443
13 .4905 .2259 .1517 .072 .0382 .0131
.0065 .0016 .0005 . . .

444
13 .0824 .0676 .3546 .1953 .1386 .0895
.0387 .0213 .0093 .0011 .0016 .

445
13 .1255 .0922 .3764 .1784 .132 .0535
.0289 .0082 .0027 .0016 .0005 .

446
13 .2668 .1648 .2668 .1522 .0846 .0404
.0169 .0055 .0016 .0005 . .

447
13 .0567 .054 .3175 .2253 .1631 .0927
.0513 .0218 .0109 .0044 .0016 .
.0005 . . . . . .

448
13 .1271 .0938 .3759 .1975 .1129 .0595
.0196 .0082 .0044 .0005 .0005 .

449
13 .1402 .0933 .2908 .1948 .1413 .072
.0415 .018 .0055 .0016 .0005 .0005

450
13 .0971 .0715 .3857 .1839 .1473 .0671
.0295 .012 .0038 .0016 . .0005

451
13 .2613 .1233 .3197 .1473 .0753 .0453
.0158 .0098 .0016 .0005 . .

452
13 .5101 .2324 .1729 .0578 .0207 .0044
.0011 .0005 . . . .

453
13 .347 .1833 .2761 .1118 .0546 .0185
.006 .0022 . .0005 . . .

454
13 .1064 .0922 .3901 .1789 .1369 .0556
.0267 .0093 .0022 .0011 .0005 .

455
13 .1642 .1118 .3262 .1789 .1342 .0496
.0235 .0065 .0038 .0005 .0005 .

456
13 .2073 .1582 .2815 .1664 .1135 .0415
.0213 .0082 .0022 . . .

457
13 .1849 .1517 .2831 .174 .108 .0546
.0245 .0153 .0027 .0005 .0005 .

458
13 .0175 .024 .3191 .2204 .2062 .1037
.0633 .0256 .012 .006 .0016 .0005

459
13 .1468 .0971 .2924 .1822 .1577 .0704
.036 .0087 .0044 .0033 .0011 .

460
13 .2679 .174 .2564 .1457 .096 .0387
.0153 .0044 .0016 . . .

461
13 .3208 .1746 .264 .1244 .0698 .0311
.0082 .0055 .0011 .0005 . .

462
13 .1342 .0966 .3906 .1789 .1037 .0595
.0202 .0115 .0033 .0016 . .

463
13 .563 .2188 .1358 .0546 .0202 .0055
.0022 . . . . .

464
13 .4937 .2471 .1686 .0567 .0235 .0082
.0022 . . . . .

465
13 .186 .138 .3262 .174 .0938 .0496
.0213 .0076 .0033 . . .

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466
13 .2286 .162 .3153 .1528 .0824 .0316
.0191 .0055 .0027 . . .
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467
13 .0147 .0273 .3333 .2117 .2008 .1091
.0633 .0213 .0125 .006 . .
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468
13 .1151 .0955 .2406 .192 .1577 .0955
.0556 .0278 .0104 .0076 .0016 .0005
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469
13 .1206 .0927 .3693 .2008 .1277 .0518
.0245 .0087 .0022 .0016 . .
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470
13 .1009 .084 .3557 .2024 .1358 .0731
.0245 .0164 .0049 .0016 .0005 .
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471
13 .1102 .0938 .3732 .1757 .1206 .0726
.0316 .0136 .006 .0016 .0011 .
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472
13 .27 .1691 .2542 .1522 .0911 .0382
.0169 .006 .0016 .0005 . .
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473
13 .0556 .0546 .3208 .2193 .1577 .096
.0546 .0207 .0142 .0038 .0022 .
.0005 . . . . . .
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474
13 .1309 .0911 .3753 .1926 .1178 .0546
.0218 .0098 .0038 .0016 .0005 .
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475
13 .1309 .0878 .251 .1877 .1702 .0835
.0507 .0256 .0082 .0033 .0005 .0005
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476
13 .1522 .1053 .4032 .1784 .1053 .0338
.0158 .0044 .0016 . . .
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477
13 .1353 .096 .2613 .1882 .1571 .0797
.054 .0191 .0065 .0011 .0016 .
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478
13 .1468 .1069 .2848 .18 .1609 .066
.0382 .0098 .0033 .0033 . .
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479
13 .4659 .233 .18 .0726 .0344 .0098
.0044 . . . . .
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480
13 .0627 .0627 .3481 .2073 .1795 .0813
.0393 .0115 .0055 .0016 .0005 .
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481
14 .3028 .1811 .2722 .1309 .0731 .0273
.0082 .0027 .0016 . . .
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482
14 .1397 .0884 .2488 .1931 .1506 .0857
.054 .0256 .0082 .0049 . .0011
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483
14 .0807 .078 .3252 .2019 .1457 .0851
.0507 .0175 .0093 .0049 .0005 .
.0005 . . . . . .
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484
14 .0158 .024 .329 .2079 .2024 .1058
.0644 .0278 .0131 .006 .0022 .0016
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485
14 .0638 .0633 .3579 .21 .1577 .0758
.0447 .0169 .0076 .0016 .0005 .
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486
14 .2881 .1337 .3235 .1429 .066 .0289
.0115 .0038 .0005 .0011 . .
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487
14 .1047 .0878 .3459 .1948 .1402 .0649
.0344 .0169 .0065 .0016 .0011 .0011
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488
14 .2335 .1746 .3115 .1408 .0846 .0327
.0169 .0049 . .0005 . .
489
14 .1037 .0884 .3639 .192 .1342 .0687
.0284 .0109 .0071 .0022 . .0005
490
14 .4555 .2139 .1729 .0835 .0496 .0147
.0071 .0005 .0011 .0011 . .
491
14 .4834 .2368 .1833 .0655 .0245 .0049
.0011 .0005 . . . . .
492
14 .0104 .0169 .3028 .2008 .1959 .1217
.0807 .0382 .0207 .0071 .0027 .0016
.0005 . . . .
493
14 .054 .06 .3077 .2248 .1544 .096
.0567 .0267 .0142 .0033 .0016 .0005
494
14 .0196 .0235 .3552 .2079 .1931 .102
.0584 .0224 .0104 .0038 .0016 .0011
.0005 .0005 . . . . .
495
14 .1315 .0927 .2531 .1811 .156 .096
.0491 .0213 .0109 .006 .0016 .0005
496
14 .0715 .0638 .3426 .2073 .1544 .0851
.0431 .0185 .0093 .0033 .0011 .
497
14 .0158 .0213 .3393 .227 .2013 .0927
.0584 .0256 .0125 .0044 .0016 .
498
14 .0878 .0747 .3612 .1953 .1533 .0753
.0295 .0153 .006 .0011 .0005 .

499						
14	.1227	.0917	.3813	.1909	.1189	.0551
	.0191	.0131	.0055	.0016	.	.
500						
14	.1888	.1435	.2684	.1713	.12	.0578
	.0289	.0153	.0038	.0022	.	.
501						
14	.0736	.072	.3382	.198	.1577	.0846
	.042	.0207	.0087	.0044	.	.
502						
14	.1364	.1026	.2662	.1855	.1511	.0818
	.0464	.0153	.0076	.0049	.0016	.0005
503						
14	.1238	.0971	.2744	.1964	.1489	.0835
	.0453	.018	.0065	.0033	.0011	.0016
504						
14	.1484	.0938	.3819	.1713	.1157	.0447
	.0289	.0109	.0027	.0016	.	.
505						
14	.2766	.1893	.2575	.1282	.0846	.0366
	.0169	.0071	.0033	.	.	.
506						
14	.1615	.1118	.3082	.1757	.1337	.0687
	.0229	.0109	.0044	.0016	.0005	.
507						
14	.1866	.1468	.2788	.1768	.1151	.0496
	.0306	.0109	.0038	.0011	.	.
508						
14	.0775	.0633	.3742	.1997	.1571	.0655
	.0442	.0153	.0022	.0005	.0005	.
509						
14	.1206	.09	.3639	.1817	.1386	.0567
	.0322	.0104	.0033	.0022	.0005	.

510
14 .2335 .1364 .3268 .1615 .0736 .0387
.0213 .0044 .0022 .0016 . .

511
14 .078 .0807 .3372 .1964 .1528 .0884
.0366 .0175 .0076 .0038 .0011 .

512
14 .0131 .0191 .3164 .2117 .2149 .1075
.0698 .0262 .0131 .0044 .0038 .

513
14 .2057 .1528 .2951 .1648 .1107 .042
.0213 .0065 .0011 . . .

514
14 .1195 .0889 .3622 .1849 .1337 .0682
.0267 .0098 .0049 .0005 .0005 .

515
14 .1233 .0878 .3726 .1904 .1293 .0567
.0207 .0098 .006 .0033 . .

516
14 .1948 .1593 .2831 .1702 .1157 .0447
.0235 .0071 .0016 . . .

517
14 .0835 .0813 .359 .1909 .1462 .072
.0431 .0158 .0055 .0016 .0011 .

518
14 .1468 .096 .3988 .1708 .1255 .0382
.0142 .0071 .0027 . . .

519
14 .3775 .2422 .1969 .0993 .0491 .0218
.0087 .0022 .0005 .0016 . .

520
14 .0131 .0207 .3219 .2149 .1937 .1091
.0758 .0251 .0164 .0055 .0027 .0011

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521
15 .1042 .0807 .3399 .1909 .144 .0742
.0431 .0142 .0049 .0022 . .0011
.0005 . . . . . .
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522
15 .2777 .1418 .3268 .1353 .0616 .0376
.0131 .006 . . . .
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523
15 .1004 .0807 .3399 .1931 .1369 .0758
.0409 .0196 .0071 .0038 .0011 .
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524
15 .1298 .0884 .2821 .1975 .1478 .0764
.0464 .0218 .0049 .0022 .0022 .0005
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. . . . . .
525
15 .1026 .0824 .3312 .1893 .1533 .0764
.0366 .0191 .006 .0016 .0005 .0005
.0005 . . . . . .
. . . . . .
. . . . . .
526
15 .0627 .0589 .3246 .21 .168 .0873
.0551 .0224 .006 .0038 .0005 .0005
. . . . . .
. . . . . .
. . . . . .
527
15 .1195 .0922 .2602 .1866 .1582 .0944
.0502 .0245 .0093 .0033 .0005 .0005
.0005 . . . . . .
. . . . . .
. . . . . .
528
15 .2526 .1473 .3252 .1315 .0867 .0398
.0131 .0027 .0005 .0005 . .
. . . . . .
. . . . . .
. . . . . .
529
15 .2013 .156 .293 .1588 .1102 .0507
.018 .0104 .0016 . . .
. . . . . .
. . . . . .
. . . . . .
530
15 .2493 .1708 .251 .1511 .1069 .0431
.0191 .0049 .0033 .0005 . .
. . . . . .
. . . . . .
. . . . . .
531
15 .0136 .018 .3121 .2188 .2046 .1091
.0704 .0322 .012 .0065 .0022 .0005
. . . . . .

532
15 .012 .0218 .3301 .1975 .1953 .1129
.0786 .0284 .0158 .0033 .0033 .0011

533
15 .0917 .0818 .3661 .1969 .1429 .0649
.0387 .0115 .0033 .0022

534
15 .1271 .0878 .3742 .1871 .1157 .0606
.0273 .0131 .0044 .0022 .0005

535
15 .186 .1375 .2646 .1735 .1217 .0622
.0311 .0169 .0044 .0011 .0005 .0005

536
15 .1309 .108 .2711 .1926 .1473 .0829
.0376 .0169 .0082 .0038 .0005

537
15 .0666 .0606 .3508 .2106 .1517 .0824
.0469 .0196 .0055 .0044 .0005 .0005

538
15 .0213 .0229 .3579 .2128 .18 .1037
.0622 .0251 .0076 .0044 .0016
.0005

539
15 .0649 .0567 .3453 .2139 .1511 .0824
.0556 .0207 .0055 .0027 .0005 .0005

540
15 .2482 .1511 .2919 .1506 .0971 .0376
.0158 .0065 .0011

541
15 .0087 .0169 .2848 .1969 .1991 .1293
.0807 .0436 .0207 .0125 .0033 .0027
.0005

542
15 .1375 .1135 .2728 .1849 .1484 .0791
.0393 .012 .0093 .0022 .0011

543
15 .12 .0971 .2728 .1909 .1626 .0791
.0426 .024 .0076 .0005 .0022 .0005

544
15 .0775 .0638 .359 .2013 .1522 .0769
.0442 .0196 .0038 .0011 .0005 .

545
15 .0949 .0835 .3502 .1997 .1435 .0682
.0382 .0164 .0038 .0016 . .

546
15 .1107 .0906 .3666 .1909 .1337 .0633
.0245 .0131 .0055 .0011 . .

547
15 .0087 .0131 .2744 .2079 .2019 .1326
.0818 .042 .0218 .0082 .0049 .0027

548
15 .1773 .1342 .2771 .1833 .1173 .0589
.0311 .0136 .0044 .0016 .0005 .0005

549
15 .066 .0589 .3268 .2089 .1642 .09
.0496 .0218 .0098 .0033 . .0005

550
15 .4283 .2193 .1959 .0889 .0436 .0153
.0065 .0011 .0011 . . .

551
15 .1069 .0889 .2264 .1931 .1637 .0987
.0644 .0311 .0153 .0082 .0022 .0011

552
15 .0098 .0175 .2881 .2019 .1948 .1266
.084 .0398 .018 .0136 .0038 .0016
. .0005 . . . . .

553
15 .1331 .1069 .2722 .1899 .1522 .0818
.0393 .0147 .006 .0022 .0016 .

554
15 .0082 .0125 .287 .2117 .1931 .1304
.0878 .0349 .0229 .0065 .0033 .0011
.0005

555
15 .0638 .0567 .3295 .2111 .1658 .0922
.0513 .0196 .0049 .0038 .0011

556
15 .2815 .132 .3148 .1424 .0682 .0371
.0147 .0071 .0011 .0011

557
15 .1031 .0829 .3481 .1784 .1424 .072
.0453 .0153 .0087 .0022 .0011
.0005

558
15 .0153 .0262 .3213 .2035 .1953 .1091
.0736 .0316 .0125 .006 .0044 .0011

559
15 .1189 .0835 .2286 .1931 .1697 .0906
.066 .0256 .0136 .0065 .0027 .0005
.0005

560
15 .1222 .0878 .3579 .186 .1364 .06
.0311 .0131 .0033 .0022

APPENDIX H.
COMPUTER PROGRAM – MATLAB PROGRAM OF MBD
(MATLAP programs have been developed by Dr. Tim Eakin)

LIST OF MATLAB PROGRAM

- **MAIN PROGRAM: MBDV29**
- **SUB PROGRAMS**
  - BBD ALPAHBETA PROGRAM
  - BBD EXPAND PROGRAM
  - BBD POPULATE PROGRAM
  - BETWEEN DUPS PROGRAM
  - BIN CLASS PROGRAM
  - BIN INDEX PROGRAM
  - COLLAPSE29 PROGRAM
  - GETCOLLAPSED29 PROGRAM
  - LINENUM PROGRAM
  - MULTIINDEX PROGRAM
  - REACH PROGRAM
  - SLINES PROGRAM
  - UNIVARIATE29 PROGRAM

```
% mbdv29.m (MAIN PROGRAM)

% replaces reach consistency check with partial sums consistency checks

% load in the basic data from Excel files
% Exceldat25.xls is the master file for all 25 vehicles with original
% ordering

% sheet 1 has one line per vehicle
   % column 1 is the vehicle name
   % column 2 is the audience, in percent
   % column 3 is the cumulative audience, in percent
% sheet 2 has one line per pair of vehicles
   % column 1 is the line from sheet 1 of the first vehicle of the pair
   % column 2 is the line from sheet 1 of the second vehicle of the
% pair
   % column 3 is the between dups value for the pair, in percent

%start timer
tic

[masterdata1 mastertextdata1] = xlsread('Exceldata25.xls',1);
mastervehiclenames = mastertextdata1(:,1);
mastervehiclenum = [1:length(mastervehiclenames)]';
masteraudience = masterdata1(:,1)/100;
mastercume = masterdata1(:,2)/100;
% masterwithindups = 2.*masteraudience - mastercume;
masterinserts = masterdata1(:,3);



% read sheet 2

masterdata2 = xlsread('Exceldata25.xls',2);

% convert betweendups percentages to fractions
masterdata2(:,3) = masterdata2(:,3)./100;

% sort data by ascending first vehicle number, then ascending by second
% mastersortbetweendups = sortrows(masterdata2, [1 2]);

% randomschedule.xls is the random selection of schedules with 2 to 15
%vehicles
random = xlsread('randomschedule.xls');
schedulenum = random(:,1);
ignore = random(:,2);
schedulevehicles = random(:,3);
samplecount = random(:,4);
randomselection = random(:,5:19);

% tabschedule is the observational values corresponding to the random
selections
```

```
tabdata = xlsread('tabschedule.xls');
schedulevehicles = tabdata(:,2);
exposure = tabdata(:,3:33);

% initialize a matrix to store expected and observed reach and
frequency
% each row represents a schedule
% column 1 is the schedule number
% column 2 is a usage flag, 0 if schedule is not used and 1 if it is
%used
% column 3 is the expected reach from the MBD calculation
% column 4 is the observed reach from the tabschedule
% ------------------------------------------------------------
% column 5 is the expected frequency of 0 exposure from MBD
% column 6 is the expected frequency of 1 exposure from MBD
% --- etc. ---
% column 34 is the expected frequency of 29 exposures from MBD
% column 35 is the expected frequency of 30 exposures from MBD
% ------------------------------------------------------------
% column 36 is the observed frequency of 0 exposure from tabschedule
% column 37 is the observed frequency of 1 exposure from tabschedule
% --- etc. ---
% column 65 is the observed frequency of 29 exposures from tabschedule
% column 66 is the observed frequency of 30 exposures from tabschedule

comparematrix = zeros(560,69);
comparematrix(:,1) = (1:560)';
for i= 1:14
    for j = 1:40
        comparematrix((40*(i-1)+j),2) = i+1;
    end;
end;
% choose the limit for the number of vehicles to consider

% ------------------------------------------------------------
% limit = 12; CHOOSE THE LIMIT THE # OF VEHICLES

% limit = 4;

% ------------------------------------------------------------

% process the schedules that do not exeed the limit
for i = 1:(limit - 1)
    for j = 1:40
        scheduleline = 40*(i-1)+j;
        vehicles = schedulevehicles(scheduleline);
        vehiclenum = (1:vehicles)';
        neworder = mastervehiclenum;
        for k = 1:vehicles
            oldlabel(k,1) = random(scheduleline,(4+k));
            newlabel(k,1) = k;
            temp = oldlabel(k,1);
            neworder(k,1) = temp;
```

```
            neworder(temp,1) = k;

            % construct subset data vectors for audience, cume, and
% inserts
            newaudience(k,1) = masteraudience(oldlabel(k),1);
            newcume(k,1)= mastercume(oldlabel(k),1);
            newinserts(k,1) = masterinserts(oldlabel(k),1);
        end;

        % reorganize the betweendups data
% ------------ test area
        newline = 0;
        for q = 1:(vehicles-1)
            for r = (q+1):vehicles
                test1 = oldlabel(q);
                test2 = oldlabel(r);
                for n = 1:300
                    if ((masterdata2(n,1) == test1 & masterdata2(n,2)
== test2) | ...
                            (masterdata2(n,1) == test2 &
masterdata2(n,2) == test1))
                        newline = newline+1;
                        newdata2(newline,1:3) = [q r masterdata2(n,3)];
                    end;
                end;
            end;
        end;


        % call getcollapsed29
        collapseddata = getcollapsed29(vehiclenum, newaudience,
newcume, ...
            newinserts, newdata2);
        % construct [collapseddata observed]
        levels = 2*vehicles + 1;
        observed = (exposure(scheduleline, 1:levels))';
        Schedule_Number = scheduleline
        disp(['         level' '        MBD'  '        From Tab  '])
        disp([collapseddata observed])
        disp(' ')

        % mark the schedule as being used
        comparematrix(scheduleline,3) = 1;

        % record the expected and observed values for the reach
        ereach = (1 - collapseddata(1,2));
        oreach = (1 - observed(1,1));
        er = abs((oreach - ereach)/oreach);
        comparematrix(scheduleline,4:6) = [ereach oreach er];
        for freqlevel = 1:levels
            efreq = collapseddata(freqlevel,2);
```

```
            ofreq = observed(freqlevel, 1);
            comparematrix(scheduleline, (6+freqlevel)) = efreq;
            comparematrix(scheduleline, (37+freqlevel)) = ofreq;
        end;

        penumerator = 0;
        for q = 2:levels
            eterm = comparematrix(scheduleline, (6+q));
            oterm = comparematrix(scheduleline, (37+q));
            addterm = abs(oterm - eterm);
            penumerator = penumerator + addterm;
        end;
        pe = penumerator/oreach;

        comparematrix(scheduleline, 69) = pe;
        er
        pe
        toc
        % calculate er, or, APE, APN for the vehicle size
    end;
end;


% calculate the grand AER, APE
AER = (sum(comparematrix(:,6))./sum(comparematrix(:,3)))
APE = (sum(comparematrix(:,69))./sum(comparematrix(:,3)))
```

BBD ALPAHBETA PROGRAM

```
function [a,b,ab] = bbdalphabeta(s1mean, s2mean);
% determine BBD values (alpha+beta), alpha, and beta values from s1 and

% s2 means

r1 = s1mean;
r2 = s2mean;

% empirical data check on r1 and r2
if r2-r1*r1 == 0.0
    r2 = r1*r1 + 0.0000001;
end;

ab = (r1 - r2)/(r2 - r1*r1);

% empirical data check on alphabeta
if ab < 0.0
    ab = 99999;
end;
if ab > 99999
    ab = 99999;
end;
if ab == 0.0
    ab = 10e-16;
end;

a = r1*ab;
b = ab - a;
```

BBD EXPAND PROGRAM

```
function f = bbdexpand(a, b, k, n);
% determine BBD expansion components --  from alpha, beta, index,
maximum
ab = a + b;
denom = 1;
for i = 1:n
    denom = denom*(ab+i-1);
end;
numa = 1;
numb = 1;
if k > 0
    for i = 1:k
        numa = numa*(a+i-1);
    end;
end;
if k < n
    for i = 1:(n-k)
        numb = numb*(b+i-1);
    end;
end;
f = nchoosek(n,k)*numa*numb/denom;
```

BBD POPULATE PROGRAM

```
function f = bbdpopulate29(x)
% populates a partial sum vector from empirical level 1 and 2 elements
% sums of higher level elements estimated using a beta binomial
distribution
% individual elements of higher levels assigned by partition of sum

% derive the m value for the input vector
xlen = length(x(:,1));
m = log2(xlen);

% initialize an output vector y with values of input vector x
y = x;

% initialize an output vector scheck with values of input vector x
scheck = x;
scheck2 =x;
% compute zerovehicle values between all pairs

% create binary index vectors
for i = 1:xlen
    binvector(i,1:m) = bindex(i-1,m);
end;



%initialize reach, and zero vehicle vectors with all zeros
r = zeros(xlen,1);
tupzero = zeros(xlen,1);
randomdup = zeros(xlen,1);
% assign zero vehicle values and randomdup values for tuples less than
3
tupzero(1,1) = 1;
for i = 1:xlen
    if sum(binvector(i,:)) == 1
        tupzero(i,1) = 1.0 - x(i,1);
        randomdup(i,1) = x(i,1);
    end;
    if sum(binvector(i,:)) == 2
        % add the adjusted betweendups value
        tupzero(i,1) = 1.0 + x(i,1);
        randomdup(i,1) = 1.0;
        % subtract the component audience values
        for j = 1:(xlen-1)
            if (binvector(i,:).*binvector(j,:) == binvector(j,:)) &
(sum(binvector(j,:)) == 1)
                tupzero(i,1) = tupzero(i,1) - x(j,1);
                randomdup(i,1) = randomdup(i,1)*x(j,1);
            end;
        end;
    end;
end;
```

```
% adjust values sequentially as vehicles are added
for k = 3:m
    for i = 1:xlen
        if binclass(i-1) == k
            % determine means for s1 and s2
            s1x = snlines(1,m,i);
            s1sum = 0;
            for j = 1:k
                s1sum = s1sum + x(s1x(j,1),1);
            end;
            s1mean = s1sum/k;
            s2x = snlines(2,m,i);
            s2sum = 0;
            for j = 1:nchoosek(k,2)
                s2sum = s2sum + x(s2x(j,1),1);
            end;
            s2mean = s2sum/nchoosek(k,2);

            r(i,1) = reach(s1mean, s2mean, k);
            tupzero(i,1) = 1 - r(i,1);

% -----defer consistency checks -------------------------------------
--
%             % ----- start reach consistency check -----------
%             for j = 1:xlen
%                 if binvector(i,:).*binvector(j,:) == binvector(j,:)
%                     if (sum(binvector(j,:)) == (k-1)) & (r(j,1) >
r(i,1))
%                         r(i,1) = 1.00000001*r(j,1);
%                     end;
%                 end;
%             end;
%             % ----- end reach consistency check ---------------
%             % estimate the zero cell for the tuple
%             tupzero(i,1) = 1 - r(i,1);
%
%             % ---- start tupzero check ------------------------
%             for j = 1:xlen
%                 if binvector(i,:).*binvector(j,:) == binvector(j,:)
%                     if sum(binvector(j,:)) == k-1
%                         if tupzero(i,1) >= tupzero(j,1)
%                             tupzero(i,1) = 0.9999*tupzero(j,1);
%                         end;
%                     end;
%                 end;
%             end;
%             % ---- end tupzero check --------------------------
% ------------------------------------------------------------------
------

            % determine if k is even or odd
```

```
            if mod(k,2) == 0 % if so, then k is even
                % partition estimate among elements of the level
                for j = 1:(k-1)
                    sjx = snlines(j,m,i);
                    for z = 1:length(sjx(:,1))
                        y(i,1) = y(i,1) + (-1)^(binclass(sjx(z,1)-
1)+1)*y(sjx(z,1),1);
                    end;
                end;

                %adjust for the reach
                y(i,1) = y(i,1) - (1 - tupzero(i,1));
                scheck(i,1) = y(i,1);
                scheck2(i,1) = y(i,1);
            else % k is odd
                % partition estimate among elements of the level

                for j = 1:(k-1)
                    sjx = snlines(j,m,i);
                    for z = 1:length(sjx(:,1))
                        y(i,1) = y(i,1) + (-1)^(binclass(sjx(z,1)-
1))*y(sjx(z,1),1);
                    end;
                end;

                % adjust for the reach
                y(i,1) = y(i,1) + (1-tupzero(i,1));
                scheck(i,1) = y(i,1);
                scheck2(i,1) = y(i,1);
            end;

            % ------- start tuplication checks -----------
            % ---- start Test A ------
            % determine "random duplication value"
            randomdup(i,1) = 1.0;
            for j = 1:xlen
                if binvector(i,:).*binvector(j,:) == binvector(j,:)
                    if sum(binvector(j,:)) == 1
                        randomdup(i,1) = randomdup(i,1)*y(j,1);
                    end;
                end;
            end;
            if y(i,1) < 0.0
                y(i,1) = randomdup(i,1);
                scheck2(i,1) = y(i,1);
            end;
            % ---- end Test A --------
            % --- start Test B -------
            for j = 1:xlen
                if binvector(i,:).*binvector(j,:) == binvector(j,:)
                    if sum(binvector(j,:)) == k-1
                        if y(i,1)>= y(j,1)
                            y(i,1) = 0.9999*y(j,1);
```

```
                    end;
                end;
            end;
        end;
        %  --- end Test B ----
        % readjust the zero cell for any Test A or Test B

% adjustments
        %Final adjustment (Step 8) with possibly revised values
        tupzero(i,1) = 1;
        for j = 1:xlen
            if binvector(i,:).*binvector(j,:) == binvector(j,:)
                if (sum(binvector(j,:)) <= sum(binvector(i,:))) ...
                        & (sum(binvector(j,:)) > 0)
                    tupzero(i,1) = tupzero(i,1) + (-1)^(binclass(j-
  ... 1))*y(j,1);
                end;
            end;
        end;
    end;
end;

% print out initial estimates of tuples without the consistency
adjustments
format short g
Sinitial = [ binvector scheck ]
nonzeroSinitial =[binvector scheck2]
% set output variable to output vector
f = y;
```

BETWEEN DUPS PROGRAM

```
function f = betweenduptest(duptest, margtest);
% between dup test function

% get margtest into two dimensional array

margin(1,1) = margtest(1,1);
margin(1,2) = margtest(2,1);
margin(2,1) = margtest(4,1);
margin(2,2) = margtest(5,1);

for itest = 1:2
    margin(itest,1) = 0.5*margin(itest,1) + margin(itest,2);
    if (margin(itest,2) - margin(itest,1)*margin(itest,1) <= 0.0)
        margin(itest,2) = margin(itest,1)*margin(itest,1)*1.001;
    end;
    mnta = (margin(itest,1) - margin(itest,2))./(margin(itest,2) - ...
        margin(itest,1)*margin(itest,1));
    if (mnta == 0.0)
        mnta = 0.000000000000001;
    end;
    mmt(itest) = mnta*margin(itest,1);
    nnt(itest) = mnta - mmt(itest);
end;

qnt = mmt(1)/(mmt(1) + nnt(1) + 1);
qnta = (mmt(1) + 1)/(mmt(1) + nnt(1) + 1);
qntb = mmt(2)/(mmt(2) + nnt(2) + 1);
qntc = (mmt(2) + 1)/(mmt(2) + nnt(2) + 1);
if (duptest/margin(2,1) <= qnt)
    duptest = qnt*margin(2,1);
end;
if (duptest/margin(2,1) > qnta)
    duptest = qnta*margin(2,1);
end;
if (duptest/margin(1,1) <= qntb)
    duptest = qntb*margin(1,1);
end;
if (duptest/margin(1,1) > qntc)
    duptest = qntc*margin(1,1);
end;
if ((margin(1,1) - duptest)/(1 - margin(2,1)) <= qnt)
    duptest = margin(1,1) - qnt*(1 - margin(2,1));
end;
if ((margin(1,1) - duptest)/(1 - margin(2,1)) > qnta)
    duptest = margin(1,1) - qnta*(1 - margin(2,1));
end;
if ((margin(2,1) - duptest)/(1 - margin(1,1)) <= qntb)
    duptest = margin(2,1) - qntb*(1 - margin(1,1));
end;
if ((margin(2,1) - duptest)/(1 - margin(1,1)) > qntc)
    duptest = margin(2,1) - qntc*(1 - margin(1,1));
```

```
end;
f = duptest;
```

BIN CLASS PROGRAM

```
function f = binclass(n)
% determines how many 1's are in the binary representation of a decimal
integer

% convert the digit to a character string of its binary representation
x = dec2bin(n);

% create a corresponding integer vector with ascii character codes for
'0' and '1'
% the ascii character code for '0' is 48 and the character code for '1'
is 49
y = 1*x;

% initialize the count of 1's to none present
class = 0;

% increment the count of 1's by one every time there is a 49 in the
digit vector
for i = 1:length(y)
    if y(i) == 49
        class = class + 1;
    end;
end;

% set the output symbol f to the value of variable class (cumulative
number of 1's)
f = class;
```

BIN INDEX PROGRAM

```
function f = bindex(n,m)
% creates a vector of zeros and ones that form a binary representation
of a number
% n is the decimal repsentation of a number less than 2^m

% make a character string of the binary representation of (2^m -1)
xchar = dec2bin(2^m-1);

% multiply the character string by the integer 1
% this converts the character elements the numerical ascii code digits
x = 1*xchar;

% determine the number of digit elements are in the numerical vector
xlen = length(x);

% initialize a binary digit vector having the same length as x to all
zeros
z = zeros(1,xlen);

% make a similar binary string vector for the number being transformed
ychar = dec2bin(n);
y = 1*ychar;
ylen = length(y);

% substitute a 'l' for the '0' in z everywhere the corresponding digit
is a 49 in y
% the 49 comes from the ascii character code for the character '1' is
the digit 49.
for i = 1:ylen
    if y(1,i)== 49
        z(xlen-ylen+i) = 1;
    end;
end;

% set the output function f to the newly created vector z
f = z;
```

COLLAPSE29 PROGRAM

```
function [newmultivector, newmultidist] = collapse29(multivector, MD)
% collapse last vehicles in multivector array
m = length(multivector(1,:));
multimax = length(multivector(:,1));

% make inserts vector for collapsed array
insertreverse = (max(multivector))';
for i = 1:m
    inserts(i,1) = insertreverse(m+1-i);
end;
newinserts = inserts(1:m-1,1);

% collapse inserts of last vehicle with the next to last vehicle
newinserts(m-1,1) = inserts(m-1,1) + inserts(m,1);

% construct the new array accounting for the collapsed last vehicle
newmultivector = multindex(newinserts);
newmultimax = length(newmultivector(:,1));

% reassign data from the last vehicle
% initialize the new distribution
newmultidist = zeros(newmultimax(:,1),1);
modcycle(1) = 1;
modcycle(2) = inserts(1,1) + 1;
if m > 2
    for i = 3:m
        modcycle(i) = modcycle(i-1)*(inserts(i-1,1)+1);
    end;
end;
for i = 1:multimax
    nmvline = 1;
    j = 1;
    while j < m-1
        nmvline = nmvline + modcycle(j)*multivector(i,m+1-j);
        j = j+1;
    end;
    nmvline = nmvline + modcycle(m-1)*(multivector(i,1)+
multivector(i,2));
    newmultidist(nmvline,1) = newmultidist(nmvline,1) + MD(i,1);
end;
```

GETCOLLAPSED29 PROGRAM

```
function f = getcollapsed29(vehiclenum, audience, cume, inserts, data2)
% function to generated collapsed exposure vector using pseudovehicles

tic % start the timer
withindups = 2.*audience - cume;


% sort data by ascending first vehicle number, then ascending by second
sortbetweendups = sortrows(data2, [1 2]);
betweendups = sortbetweendups(:,3);

% determine number of vehicles
m = length(vehiclenum);
maxnum = 2^m;

% initialize partial sum vector
sbase = zeros(maxnum,1);
sbase(1,1) = 1;

% supply audience data (partial sums) as individual sbase(i) values
for i = 1:m
    sbaseline = 2^(i-1)+1;
    sbase(sbaseline,1) = audience(i,1);
end;

% supply between dups data as S2 for pairs, assign to proper line
number
% use values with any adjustments from betweendupstest

for i = 1:(m-1)
    for j = (i+1:m)
        sbaseline = 2^(i-1) + 2^(j-1) + 1;
        betweendupsline = linenum(m,i,j);
        sbase(sbaseline,1) = betweendups(betweendupsline,1);
    end;
end;

% create the partial sums vector
S = bbdpopulate29(sbase);

% create the joint (0 1) probability vector
if m == 2
    UD = zeros(4,1);
    UD(1,1) = 1 - audience(1,1) - audience(2,1) + betweendups(1,1);
    UD(2,1) = audience(1,1);
    UD(3,1) = audience(2,1);
    UD(4,1) = betweendups(1,1);
else
    UD = univariate29(S);
end;
```

```
UD %

% compute alpha and beta values for each vehicle
for i = 1:m
    [alpha(i,1) beta(i,1) alphabeta(i,1)] = bbdalphabeta(sbase(2^(i- ...
1)+1,1),withindups(i,1));
    alpha0(i,1) = alpha(i,1) + 0;
    alpha1(i,1) = alpha(i,1) + 1;
    beta0(i,1) = (beta(i,1)+1) - 0;
    beta1(i,1) = (beta(i,1)+1) - 1;
end;

% determine the number of joint distribution components
% initialize
multimaxnum = 1;
% multiply the number of values for each vehicle (inserts + 1)
for i = 1:m
    multimaxnum = multimaxnum*(inserts(i,1)+1);
end;

% create numerical representation vectors with inserts of each vehicle
% ordering right to left, vehicle 1 value on the right, m on the left
multivector = multindex(inserts);
%initalize a vector for multivariate distribution
MD = zeros(multimaxnum,1);
MD(1:2,1) = UD(1:2,1);


% create a matrix of binary representation of univariate
binvector = multindex(ones(m,1));

% put in the values from the univariate distribution
for i = 3:maxnum
    mline = 1 + binvector(i,m);
    for j = 1:(m-1)
        mprod = 1;
        for k = 1:j
            mprod = mprod*(inserts(k,1)+1);
        end;
        mline = mline + binvector(i,m-j)*mprod;
    end;
    MD(mline,1) = UD(i,1);
end;

clear UD;
% use a phantom vehicle with zero inserts to initialize pseudovehicle
% add to system as vehicle (m+1)
multivector = [zeros(multimaxnum,1) multivector];

for i = m:-1:1  % process in reverse order
    umax = max(multivector(:,1));
    ucycle = multimaxnum/(umax+1);
```

```
    wmax = max(multivector(:,2));
    wcycle = ucycle/(wmax+1);
    for u = 0:umax
        for w = 1:wcycle
            marg = MD((u*ucycle + w),1) + MD(u*ucycle + w + wcycle);
            joint = MD(u*ucycle + w + wcycle);
            % if no marginal value there is no need to compute F, b, a
            % otherwise
            if marg > 0
                F = joint/marg;
                %test F below to make sure it conforms to bbd
                % since 0<F<1
                if F < (alpha(i,1)/(alpha(i,1)+beta(i,1)+1))
                    F = (alpha(i,1)/(alpha(i,1)+beta(i,1)+1));
                end;
                if F > ((alpha(i,1)+1)/(alpha(i,1)+beta(i,1)+1))
                    F = ((alpha(i,1)+1)/(alpha(i,1)+beta(i,1)+1));
                end;
                b = F*(alpha(i,1) + beta(i,1) + 1) - alpha(i,1);
                a = 1 - b;
                % determine the p0 and p1 extensions and their sum
                p0ext = zeros(inserts(i,1),m);
                p1ext = zeros(inserts(i,1),m);
                ptotal = zeros(inserts(i,1),m);
                for z = 0:inserts(i,1)
                    p0ext(z+1,m-i+1) = bbdexpand(alpha0(i,1), ...
                        beta0(i,1),z,inserts(i,1))*marg*a;
                    p1ext(z+1,m-i+1) = bbdexpand(alpha1(i,1), ...
                        beta1(i,1),z,inserts(i,1))*marg*b;
                    ptotal(z+1,m-i+1)= p0ext(z+1,m-i+1) + p1ext(z+1,m-..
i+1);
                    MD(u*ucycle + z*wcycle + w,1) = ptotal(z+1,m-i+1);
                end;
            end;
        end;
    end;
    % collapse the current vehicle before the next vehicle is processed
    [newmultivector, newMD] = collapse29(multivector, MD);
    % reset the variables for the next iteration
    clear multivector;
    clear MD;
    multivector = newmultivector;
    MD = newMD;
    multimaxnum = length(multivector(:,1));
end;

% determine collapsed distribution of exposure sum
totalinserts = sum(inserts(:,1));
insertnumbers = [0:totalinserts]';

% ============================================================
% Past this point the code is only to save the data into
% external files and to display them in the Matlab command
```

```
% window.  Below is not part of the algorithm
% ============================================================

% save the output data in ascii text table file
collapsedtable = [insertnumbers MD];

% --- uncomment below to get results saved to a file on disk
% save collapsedtable.txt collapsedtable -ascii -tabs;

% display the output in the Matlab Command Window
% blankline = ' ';
% disp(blankline)
% disp('Collapsed data')
% disp(blankline)
% disp(collapsedtable)

f = collapsedtable;
```

LINENUM PROGRAM

```
function f = linenum(m, i, j)
% determine line number for list of between dups

% initialize
f = 1;

for p = 1:(m-1)
    for q = (p+1):m
        line = p + q + sum([1:1:(m-3)]) - 2 - (m-p-2)*(m-p-1)/2;
        if (p == i) & (q == j)
            f = line;
        end;
    end;
end;
```

MULTIINDEX PROGRAM

```
function f = multindex(inserts);

m = length(inserts);
maxnum = 1;
for i = 1:m
    maxnum = maxnum*(inserts(i)+1);
end;
% initialize
multi = zeros(maxnum,m);
q = 0;
cycle = maxnum;
i = m;
while i > 0
    j = cycle/(inserts(i,1)+1);
    repeats = maxnum/cycle;
    for p = 1:repeats
        for count = 0:inserts(i,1)
            for k = 1:j
                q = mod(q,maxnum)+1;
                multi(q,m+1-i) = count;
            end;
            count = count + 1;
        end;
    end;
    i = i-1;
    cycle = j;
end;
f = multi;
```

REACH PROGRAM

```
function f = reach(s1mean, s2mean, v);
% determine the reach from means of elements at level v

r1 = s1mean;
r2 = s2mean;

% empirical data check on r1 and r2
if r2-r1*r1 == 0.0
    r2 = r1*r1 + 0.0000001;
end;

alphabeta = (r1 - r2)/(r2 - r1*r1);

% empirical data check on alphabeta
if alphabeta < 0.0
    alphabeta = 99999;
end;
if alphabeta > 99999
    alphabeta = 99999;
end;
if alphabeta == 0.0
    alphabeta = 10e-16;
end;

alpha = r1*alphabeta;
beta = alphabeta - alpha;

% determine product values
% initialize values
abproduct = alphabeta;
bproduct = beta;
for i = 1:(v-1)
    abproduct = abproduct*(alphabeta + i);
    bproduct = bproduct*(beta + i);
end;
zerocell = nchoosek(v,0)*(bproduct/abproduct);
reach = 1.00 - zerocell;
f = reach;
```

SLINES PROGRAM

```
function f = snlines(n,m,i)
% find lines for s2 in partial sum vector vehicle k of m total

startvector = bindex(i-1,m);
k = sum(startvector);
flength = nchoosek(k,n);
f = zeros(flength,1);

% determine the k vehicle vector positions
ncount = 0;
for j = 1:m
    jrev = m+1-j;
    if startvector(jrev) == 1
        ncount = ncount + 1;
        p(ncount) = j;
    end;
end;
for i = 1:2^k
    binvector(i,1:k) = bindex(i-1,k);
    binvector(i,(k+1)) = sum(binvector(i,1:k));
end;
sortvector = sortrows(binvector,(k+1));
if n == 1
    prior = 1;
elseif n == 2
    prior = k + 1;
else
    prior = 1;
    for j = 1:(n-1)
        prior = prior + nchoosek(k,j);
    end;
end;
nvector = zeros(nchoosek(k,n),k);
for j = (prior+1):(prior + flength)
    nvector((j-prior),1:k) = sortvector(j,1:k);
end;
count = 0;
for j = 1:flength
    count = count + 1;
    newline = 1;
    for q = 1:k
        newline = newline + nvector(j,q)*2^(p(k+1-q)-1);
    end;
    f(count,1) = newline;
end;
```

UNIVARIATE 29 PROGRAM

```
function P = univariate29(S)
% function to obtain univariate joint distribution
% input is a column vector of beginning adjusted partial sum values

% determine the length of the partial sum and distribution vectors
maxnum = length(S(:,1));

% determine the number of elements
m = log2(maxnum);

% create a corresponding binary digit row vector for each
% binvector for a partial sum is the binary number representation
% bclass for a partial sum is the number of 1's in its binary vector

for i = 1:maxnum
binvector(i,1:m) = bindex(i-1,m);
bclass(i,1) = binclass(i-1);
end;

% initialize a joint distribution matrix
P = zeros(maxnum,1);
P(1,1) = 1;

% determine probabilities for all disjoint components, adding one

% vehicle at a time
% first two vehicles have v < 3 no bbd involvement in partial sums
% sequentially go add third and further vehicles, get joint
distributions, revise partial sums

for q = 3:m % process vehicle q
    qmax = 2^q; % number of lines in a joint (0 1) matrix
    for i = 1:qmax
        % start by setting the probability equal to the partial sum

% value
        P(i,1) = S(i,1);
        for j = 1:qmax
            % i is the index for the object vector
            % j is the index for the test vector
            % adjustment needed only if two conditions hold

            % first condition
            % there needs to be more 1's in the test than in the object
% vector

            if(bclass(j,1)> bclass(i,1))

                % second condition
```

```
                % the object needs to be a proper subset of the test
% vector
                % the inner product of binary vectors determines subset
% status
                % inner product vector will be the same as the object
% vector if
                     % (1) elements are binary digits
                     % (2) object vector is a subset of the test vector

                if(binvector(i,:).*binvector(j,:) == binvector(i,:))
                    % if both conditions hold then adust for the
% partial sum j
                    % the partial sum value is added or subtracted
                    % add if difference in number of 1's in j vs. i is
% even
                    % subtract if difference in number of 1's is odd

                    P(i,1) = P(i,1) + (-1)^(bclass(j)-
bclass(i))*S(j,1);
                end;
            end;
        end;
    end;
end;
```

APPENDIX I.
COMPUTER PROGRAM -- JAVA PROGRAM OF MBD
(JAVA program has been developed by ITS)

```
package edu.utexas.advertising;

import java.io.*;
import java.math.BigDecimal;
import java.util.ArrayList;
import java.util.Arrays;
import java.util.Collections;
import java.util.Comparator;
import java.util.StringTokenizer;
import java.util.Vector;

public class Mbd {
	public Vehicle[] vehicles;
	public BetweenDup[] betweenDups;
	public static final int SCALE = 80;
	public static final int DISPLAY_SCALE = 8;
	public static final int ROUNDING_MODE =
BigDecimal.ROUND_HALF_UP;
	public static final String VEHICLE_FILE =
"C:\\matlabdata\\9_2a.csv";
	public static final String BETWEEN_DUP_FILE =
"C:\\matlabdata\\9_2b.csv";

	public Mbd() {

	}

	public void run() {
		this.readVehicles();
		this.readBetweenDups();
		//this.checkBetweenDups();
		this.calculateUnivariate();
	}

	public void readVehicles() {
		ArrayList vehicles = new ArrayList();
		BufferedReader input = null;

		try {
			input = new BufferedReader( new
FileReader( new File(VEHICLE_FILE) ) );
			String line = null;

			int i = 0;

			while (( line = input.readLine()) !=
null) {
				StringTokenizer st = new
StringTokenizer(line, ",");

				vehicles.add(new Vehicle(i,
					st.nextToken(),
```

```
                              new
BigDecimal(st.nextToken()).divide(new BigDecimal(100),
SCALE, ROUNDING_MODE),
                              new
BigDecimal(st.nextToken()).divide(new BigDecimal(100),
SCALE, ROUNDING_MODE),

      Integer.parseInt(st.nextToken())
                        ));

                        ++i;
                  }

                  this.vehicles = new
Vehicle[vehicles.size()];

                  for(i = 0; i < vehicles.size(); ++i) {
                        this.vehicles[i] = (Vehicle)
vehicles.get(i);
                  }
            }
            catch (FileNotFoundException ex) {
                  ex.printStackTrace();
            }
            catch (IOException ex) {
                  ex.printStackTrace();
            }
            finally {
                  try {
                        if (input != null) {
                              input.close();
                        }
                  }
                  catch (IOException ex) {
                        ex.printStackTrace();
                  }
            }
      }

      public void readBetweenDups() {
            ArrayList betweenDups = new ArrayList();
            BufferedReader input = null;

            try {
                  input = new BufferedReader( new
FileReader( new File(BETWEEN_DUP_FILE) ) );
                  String line = null;

                  int i = 0;

                  while (( line = input.readLine()) !=
null) {
                        StringTokenizer st = new
StringTokenizer(line, ",");
```

```
                        betweenDups.add(
                              new BetweenDup(i,

      vehicles[Integer.parseInt(st.nextToken()) - 1],

      vehicles[Integer.parseInt(st.nextToken()) - 1],
                                    new
BigDecimal(st.nextToken()).divide(new BigDecimal(100),
SCALE, ROUNDING_MODE)
                                    )
                        );

                        ++i;
                  }

                  this.betweenDups = new
BetweenDup[betweenDups.size()];

                  for(i = 0; i < betweenDups.size(); ++i) {
                        this.betweenDups[i] = (BetweenDup)
betweenDups.get(i);
                  }
            }
            catch (FileNotFoundException ex) {
                  ex.printStackTrace();
            }
            catch (IOException ex) {
                  ex.printStackTrace();
            }
            finally {
                  try {
                        if (input != null) {
                              input.close();
                        }
                  }
                  catch (IOException ex) {
                        ex.printStackTrace();
                  }
            }
      }

      public void show() {
            //for(int i = 0; i < vehicles.length; ++i) {
            //    System.out.println(vehicles[i]);
            //}

            //for(int i = 0; i < betweenDups.length; ++i) {
            //    System.out.println(betweenDups[i]);
            //}
      }

      public void checkBetweenDups() {
            int m = vehicles.length;
```

```
            int maxNum = (int) Math.pow(2, (double) m);

            BigDecimal[] margTest = new BigDecimal[5];
            BigDecimal[][] dup = new BigDecimal[m][m];

            for(int i = 0; i < m; ++i) {
                  for(int j = 0; j < m; ++j) {
                        dup[i][j] = BigDecimal.ZERO;
                  }
            }

            for(int i = 0; i < (m - 1); ++i) {
                  for(int j = i + 1; j < m; ++j) {

                        margTest[0] =
vehicles[i].audience.subtract(

      vehicles[i].withinDup.multiply(new BigDecimal(2))
                                          );
                        margTest[1] =
vehicles[i].withinDup;
                        margTest[3] =
vehicles[j].audience.subtract(

      vehicles[j].withinDup.multiply(new BigDecimal(2))
                                          );
                        margTest[4] =
vehicles[j].withinDup;

                        for(int k = 0; k <
betweenDups.length; ++k) {

      if( ( betweenDups[k].vehicle1.rowNum == i ) &&
( betweenDups[k].vehicle2.rowNum == j ) )  {
                                    dup[i][j] =
betweenDups[k].value;
                              }
                        }

                        dup[i][j] =
this.betweenDupTest(dup[i][j], margTest);
                  }
            }

            BigDecimal[] before = new
BigDecimal[betweenDups.length];
            BigDecimal[] after  = new
BigDecimal[betweenDups.length];

            int k = 0;

            for(int i = 0; i < (m - 1); ++i) {
                  for( int j = i + 1; j < m; ++j) {
                        before[k] = betweenDups[k].value;
```

```
                        betweenDups[k].value = dup[i][j];
                        after[k] = betweenDups[k].value;
                        ++k;
                  }
            }

            System.out.println("BetweenDups Data Check");

            for(int i = 0; i < betweenDups.length; ++i) {

      System.out.print(betweenDups[i].vehicle1.rowNum + "
");

      System.out.print(betweenDups[i].vehicle2.rowNum + "
");

      System.out.print(before[i].setScale(DISPLAY_SCALE,
ROUNDING_MODE));
                  System.out.print(" ");

      System.out.print(after[i].setScale(DISPLAY_SCALE,
ROUNDING_MODE));
                  System.out.println();
            }
      }

      public BigDecimal betweenDupTest(BigDecimal duptest,
BigDecimal[] margtest) {
            BigDecimal[][] margin = new BigDecimal[2][2];
            BigDecimal mmt[] = new BigDecimal[2];
            BigDecimal nnt[] = new BigDecimal[2];

            margin[0][0] = margtest[0];
            margin[0][1] = margtest[1];
            margin[1][0] = margtest[3];
            margin[1][1] = margtest[4];

            for(int itest = 0; itest <= 1; ++itest) {

                  margin[itest][0] =
margin[itest][0].multiply(BigDecimal.valueOf(0.5)).add(marg
in[itest][1]);


      if( margin[itest][1].subtract( margin[itest][0].multi
ply(margin[itest][0]) ).compareTo(BigDecimal.ZERO) <= 0)  {
                        margin[itest][1] =
margin[itest][0].multiply(margin[itest][0]).multiply(BigDec
imal.valueOf(1.001));
                  }
                  BigDecimal mnta =
((margin[itest][0].subtract(margin[itest][1])))
                                          .divide(
```

```
      margin[itest][1].subtract(

      margin[itest][0].multiply(margin[itest][0])
                                                  ), SCALE,
ROUNDING_MODE
                                           );

                  if(mnta.equals(BigDecimal.ZERO)) {
                        mnta =
BigDecimal.valueOf(0.000000000000001);
                  }
                  mmt[itest] =
mnta.multiply(margin[itest][0]);
                  nnt[itest] = mnta.subtract(mmt[itest]);
            }

            BigDecimal qnt =
mmt[0].divide( mmt[0].add(nnt[0]).add(BigDecimal.ONE),
SCALE, ROUNDING_MODE );
            BigDecimal qnta =
mmt[0].add(BigDecimal.ONE).divide(

      mmt[0].add(nnt[0]).add(BigDecimal.ONE), SCALE,
ROUNDING_MODE
                        );

            BigDecimal qntb =
mmt[1].divide( mmt[1].add(nnt[1]).add(BigDecimal.ONE),
SCALE, ROUNDING_MODE );
            BigDecimal qntc =
mmt[1].add(BigDecimal.ONE).divide(

      mmt[1].add(nnt[1]).add(BigDecimal.ONE), SCALE,
ROUNDING_MODE
                  );

            // less than or equal to qnt
            if(duptest.divide(margin[1][0], SCALE,
ROUNDING_MODE).compareTo(qnt) <= 0) {
                  duptest = qnt.multiply(margin[1][0]);
            }
            if(duptest.divide(margin[1][0], SCALE,
ROUNDING_MODE).compareTo(qnta) == 1) {
                  duptest = qnta.multiply(margin[1][0]);
            }

            // less than or equal to qntb
            if(duptest.divide(margin[0][0], SCALE,
ROUNDING_MODE).compareTo(qntb) <= 0) {
                  duptest = qntb.multiply(margin[0][0]);
            }
            if(duptest.divide(margin[0][0], SCALE,
ROUNDING_MODE).compareTo(qntc) == 1) {
```

```
                  duptest = qntc.multiply(margin[0][0]);
            }

            if( (margin[0][0].subtract(duptest)).divide(

      BigDecimal.ONE.subtract(margin[1][0]), SCALE,
ROUNDING_MODE
                        ).compareTo(qnt) <= 0 )
            {
                  duptest = margin[0][0].subtract(
                              qnt.multiply(

      BigDecimal.ONE.subtract(margin[1][0])
                              )
                        );
            }

            if( (margin[0][0].subtract(duptest)).divide(

      BigDecimal.ONE.subtract(margin[1][0]), SCALE,
ROUNDING_MODE
                        ).compareTo(qnta) == 1 )
            {
                  duptest = margin[0][0].subtract(
                              qnta.multiply(

      BigDecimal.ONE.subtract(margin[1][0])
                              )
                        );
            }

            if( (margin[1][0].subtract(duptest)).divide(

      BigDecimal.ONE.subtract(margin[0][0]), SCALE,
ROUNDING_MODE
                        ).compareTo(qntb) <= 0 )
            {
                  duptest = margin[1][0].subtract(
                              qntb.multiply(

      BigDecimal.ONE.subtract(margin[0][0])
                              )
                        );
            }

            if( (margin[1][0].subtract(duptest)).divide(

      BigDecimal.ONE.subtract(margin[0][0]), SCALE,
ROUNDING_MODE
                        ).compareTo(qntc) == 1 )
            {
                  duptest = margin[1][0].subtract(
                              qntc.multiply(
```

```
      BigDecimal.ONE.subtract(margin[0][0])
                              )
                        );
            }

            return duptest.setScale(SCALE, ROUNDING_MODE);
      }

      /*
       * function to obtain univariate joint distribution
       * input is a column vector of beginning adjusted
partial sum values
       */
      public void calculateUnivariate() {
            BigDecimal[] sbase =
this.initializePartialSumVector();

            BigDecimal[] S = this.bbdPopulate(sbase);

            int maxnum = S.length;
            int m = vehicles.length;
            int[] bclass = new int[maxnum];

            for(int i = 0; i < maxnum; ++i)
            {
                  bclass[i] = Integer.bitCount(i);
            }

            BigDecimal[] P = new BigDecimal[maxnum];
            P[0] = BigDecimal.ONE;

            for(int q = 3; q <= m; ++q)
            {
                  int qmax = (int) Math.pow(2,q);

                  for(int i = 0; i < qmax; ++i)
                  {
                        P[i] = S[i];

                        for(int j = 0; j < qmax; ++j)
                        {
                              if(bclass[j] > bclass[i])
                              {
                                    long v1 = (long) i;
                                    long v2 = (long) j;

                                    if((v1 & v2) == v1)
                                    {
                                          P[i] =
P[i].add(S[j].multiply(BigDecimal.valueOf(Math.pow(-1,
Long.bitCount(j) - Long.bitCount(i)))));
                                    }
                              }
```

```
                        }
                  }
            }

            BigDecimal[] UD = P;

            // computa alpha and beta values for each
vehicle
            BigDecimal[] s1 =
this.initializeBigDecArray(m);
            BigDecimal[] alpha =
this.initializeBigDecArray(m);
            BigDecimal[] beta =
this.initializeBigDecArray(m);
            BigDecimal[] alpha0 =
this.initializeBigDecArray(m);
            BigDecimal[] alpha1 =
this.initializeBigDecArray(m);
            BigDecimal[] beta0 =
this.initializeBigDecArray(m);
            BigDecimal[] beta1 =
this.initializeBigDecArray(m);

            for(int i = 0; i < m; ++i )
            {
                  int sbaseIndex = (int) (Math.pow(2, i));

                  BigDecimal[] alphaBetaValues =
this.bbdAlphaBeta(sbase[sbaseIndex],
this.vehicles[i].withinDup);
                  alpha[i] = alphaBetaValues[0];
                  alpha0[i] = alphaBetaValues[0];
// in the Matlab code, 0 is added. I left this out.
                  alpha1[i] =
alphaBetaValues[0].add(BigDecimal.ONE);
                  beta[i] = alphaBetaValues[1];
                  beta0[i] =
alphaBetaValues[1].add(BigDecimal.ONE);  // in the Matlab
code, 0 is subtracted
// I left his out because it doesn't effect the outcome)
                  beta1[i] = alphaBetaValues[1]; // in
Matlab code, one is added, then one is subtracted
            }

            int multimaxnum = 1;

            for(int i = 0; i < m; ++i)
            {
                  multimaxnum = multimaxnum *
(this.vehicles[i].inserts + 1);
            }

            // get array of insert counts from vehicle
objects
```

```
            // this will be passed to multindex
            int[] inserts = new int[vehicles.length];

            for(int i = 0; i < vehicles.length; ++i)
            {
                  inserts[i] = this.vehicles[i].inserts;
            }

            int[][] multivector2 = multindex(inserts);

            BigDecimal[] MD =
this.initializeBigDecArray(multimaxnum);
            MD[0] = UD[0];
            MD[1] = UD[1];

            int[] ones = new int[vehicles.length];
            for(int i = 0; i < vehicles.length; ++i)
            {
                  ones[i] = 1;
            }

            int[][] binvector = multindex(ones);

            for(int i = 2; i < maxnum; ++i)
            {
                  int mline = binvector[i][m-1];

                  for(int j = 1; j < m; ++j)
                  {
                        int mprod = 1;
                        for(int k = 0; k < j; ++k)
                        {
                              mprod *= (inserts[k] + 1);
                        }
                        mline += (binvector[i][m-j-1] *
mprod);
                  }
                  MD[mline] = UD[i];
            }

            // make multivector2, which is multivector + an
extra column of zeros
            int[][] multivector = new
int[multimaxnum][m+1];

            for(int i = 0; i < multivector2.length; ++i) {
                  for(int j = 0; j <
multivector2[i].length; ++j) {
                        multivector[i][j+1] =
multivector2[i][j];
                  }
            }

            for(int i = m-1; i >= 0; --i)
```

```
            {
                  // get maximum value in column 0 of
multivector
                  int umax = 0;

                  for(int j = 0; j < multivector.length;
++j)
                  {
                        if(multivector[j][0] > umax)
                        {
                              umax = multivector[j][0];
                        }
                  }

                  int ucycle = multimaxnum / (umax+1);

                 // get maximum value in column 1 of
multivector
                  int wmax = 0;
                  for(int j = 0; j < multivector.length;
++j)
                  {
                        if(multivector[j][1] > wmax)
                        {
                              wmax = multivector[j][1];
                        }
                  }

                  int wcycle = ucycle/(wmax + 1);

                  for( int u = 0; u <= umax; ++u )
                  {
                        for(int w = 0; w < wcycle; ++w )
                        {
                              BigDecimal marg =
MD[u*ucycle+w].add(MD[u*ucycle + w + wcycle]);
                              BigDecimal joint =
MD[u*ucycle + w + wcycle];


      if( marg.compareTo(BigDecimal.ZERO) > 0 )
                              {
                                    BigDecimal F =
joint.divide(marg, SCALE, ROUNDING_MODE);

                                    BigDecimal c1 =
alpha[i].divide(alpha[i].add(beta[i].add(BigDecimal.ONE)),
SCALE, ROUNDING_MODE);
                                    if( F.compareTo(c1) <
0 )
                                    {
                                          F = c1;
                                    }
```

```
                                    BigDecimal c2 =
(alpha[i].add(BigDecimal.ONE)).divide(alpha[i].add(beta[i].
add(BigDecimal.ONE)), SCALE, ROUNDING_MODE);
                                    if( F.compareTo(c2) >
0 )
                                    {
                                          F = c2;
                                    }

                                    BigDecimal b =
F.multiply(

      alpha[i].add(beta[i]).add(BigDecimal.ONE)

      ).subtract(alpha[i]);

                                    BigDecimal a =
BigDecimal.ONE.subtract(b);

                                    BigDecimal[][] p0ext =
new BigDecimal[inserts[i]+1][m];
                                    BigDecimal[][] p1ext =
new BigDecimal[inserts[i]+1][m];
                                    BigDecimal[][] ptotal =
new BigDecimal[inserts[i]+1][m];

                                    for(int z = 0; z <=
inserts[i]; ++z)
                                    {

                                          p0ext[z][m-i-1] =
(bbdExpand(alpha0[i], beta0[i], z,
inserts[i])).multiply(marg).multiply(a);
                                          p1ext[z][m-i-1] =
(bbdExpand(alpha1[i], beta1[i], z,
inserts[i])).multiply(marg).multiply(b);
                                          ptotal[z][m-i-1]
= p0ext[z][m-i-1].add(p1ext[z][m-i-1]);
                                              MD[(u*ucycle) +
(z*wcycle) + w] = ptotal[z][m-i-1];
                                    }
                              }
                        }
                  }

                  //first part of collapse24 function
                  // variable m was renamed to n
                  // variable i was renamed to j to avoid
naming collisions
            int n = multivector[0].length;

            int multimax = multivector.length;

            int[] inserts2 = new int[n];
```

```
            int[] insertreverse = new int[n];

            for(int j = 0; j < n; ++j) {
                  insertreverse[j] = multivector[multimax-
1][j];
            }

            for(int j = 0; j < n; ++j)
            {
                  inserts2[j] = insertreverse[n-j-1];
            }

            int[] newinserts = new int[n-1];

            for(int j = 0; j < n-1; ++j)
            {
                  newinserts[j] = inserts2[j];
            }

            // collapse inserts of last vehicle with the
next to last vehicle
            newinserts[n-2] = inserts2[n-2] + inserts2[n-
1];

            int[][] newmultivector = multindex(newinserts);

                  MD = collapseMD(n, inserts2, multimax,
multivector, MD);

                  multivector = newmultivector;

                  multimaxnum = multivector.length;
            }

            // determine collapsed distribution of exposure
sum
            int totalinserts = 0;
            for(int i = 0; i < vehicles.length; ++i) {
                  totalinserts += vehicles[i].inserts;
            }

            System.out.println("--------------");
            System.out.println("Collapsed data");
            System.out.println("--------------");
            for(int i = 0; i <= totalinserts; ++i) {
                  System.out.println(i + " " +
MD[i].floatValue());
            }
      }

      public BigDecimal[] initializePartialSumVector() {
            int m = vehicles.length;
            int maxNum = (int) Math.pow(2, (double) m);
            int sbaseline;
```

```
            int betweendupsline;
            BigDecimal sbase[] = new BigDecimal[maxNum];

            //initialize partial sum vector
            for(int i = 0; i < sbase.length; ++i) {
                  sbase[i] = BigDecimal.ZERO;
            }

            sbase[0] = BigDecimal.ONE;

            // supply audience data (partial sums) as
individual sbase[i] values
            for(int i = 0; i < m; ++i) {
                  sbaseline = (int) (Math.pow(2, i) + 1);
                  sbase[sbaseline-1] =
vehicles[i].audience;
            }

            // supply betweenDups data as S2 for pairs,
assign to proper line number
            // use values with any adjustments from
betweenDups test
            for(int i = 0; i < (m - 1); ++i) {
                  for(int j = i + 1; j < m; ++j) {
                        sbaseline = (int) (Math.pow(2, i) +
Math.pow(2, j) + 1);
                        betweendupsline = linenum(m, i+1,
j+1);
                        sbase[sbaseline-1] =
betweenDups[betweendupsline].value;
                  }
            }

            return sbase;
      }

      /**
     * populates a partial sum vector from empirical level
1 and 2 elements
     * sums of higher level elements estimated using a beta
binomial distributions
     * individual elements of higher levels assigned by
partition of sum
     *
     */

      public BigDecimal[] bbdPopulate(BigDecimal[] x) {
      int xlen = x.length;
      int m = vehicles.length;

      // initialize an output vector y with values of input
vector x
      BigDecimal[] y = x;
```

```
      // initialize s1, s2, reach, and zero vehicle vectors
with all zeros
      BigDecimal[] s1 = this.initializeBigDecArray(xlen);
      BigDecimal[] s2 = this.initializeBigDecArray(xlen);
      BigDecimal[] r = this.initializeBigDecArray(xlen);
      BigDecimal[] tupzero =
this.initializeBigDecArray(xlen);
      BigDecimal[] tupzeroupdate =
this.initializeBigDecArray(xlen);
      BigDecimal[] randomdup =
this.initializeBigDecArray(xlen);

      tupzero[0] = BigDecimal.ONE;

      int numOnes;

      for(int i = 0; i < xlen; ++i) {
            long v1 = (long) i;
            numOnes = Long.bitCount(v1);

            if(numOnes == 1) {
                  tupzero[i] =
BigDecimal.ONE.subtract(x[i]);
                  randomdup[i] = x[i];
            }
            if(numOnes == 2) {
                  tupzero[i] = BigDecimal.ONE.add(x[i]);
                  randomdup[i] = BigDecimal.ONE;

                  // subtract the component audience values
                  for(int j = 0; j < xlen - 1; ++j) {
                              long v2 = (long) j;

                              long andV = v1 & v2;

                        if( (andV == v2) &&
Long.bitCount(v2) == 1) {
                              tupzero[i] =
tupzero[i].subtract(x[j]);
                              randomdup[i] =
randomdup[i].multiply(x[j]);
                        }
                  }
            }
      }

      for(int k = 3; k <= m; ++k) {
            for(int i = 0; i < xlen; ++i) {

                  long v1 = (long) i;

                  if(Long.bitCount(v1) == k) {
                        int[] s1x = this.snLines(1, m,
i+1);
```

```
                        BigDecimal s1sum = BigDecimal.ZERO;

                              for(int j = 0; j < k; ++j) {
                                    s1sum =
s1sum.add(x[s1x[j]-1]);
                              }

                              BigDecimal s1mean =
s1sum.divide(BigDecimal.valueOf(k), SCALE, ROUNDING_MODE);

                             int[] s2x = this.snLines(2, m,
i+1);

                              BigDecimal s2sum =
BigDecimal.ZERO;

                              for(int j = 0; j <
StatFunctions.nchoosek(k,2); ++j) {
                                    s2sum =
s2sum.add(x[s2x[j]-1]);
                              }

                              BigDecimal s2mean =
s2sum.divide(BigDecimal.valueOf(StatFunctions.nchoosek(k,2)
), SCALE, ROUNDING_MODE);

                              r[i] = this.reach(s1mean,
s2mean, k);

                              // reach consistency check
                              for(int j = 0; j < xlen; ++j)
{
                                    long v2 = (long) j;

                                    long andV = v1 & v2;

                                    if(andV == v2) {

      if( (Long.bitCount(v2) == (k - 1)) &&
(r[j].compareTo(r[i]) > 0) ) {
                                                r[i] =
r[j].multiply(BigDecimal.valueOf(1.00000000000000001));
                                          }
                                    }
                              }


                              tupzero[i] =
BigDecimal.ONE.subtract(r[i]);

                              for(int j = 0; j < xlen; ++j)
{
                                    long v2 = (long) j;
```

```
                                    long andV = v1 & v2;

                                if(andV == v2) {

                                    if( Long.bitCount(v2)
== (k - 1) ) {


      if( tupzero[i].compareTo(tupzero[j]) >= 0 ) {

      tupzero[i] =
BigDecimal.valueOf(0.9999).multiply(tupzero[j]);
                                                }
                                    }
                                }
                                }


                                // determine if k is even or
odd
                                // if k is even, partition
estimate along elements of the level

                                if( k % 2 == 0 ) {
                                    for(int j = 1; j < k;
++j) {
                                        int[] sjx;
                                        sjx =
this.snLines(j,m,i+1);

                                        for(int z = 0; z
< sjx.length; ++z) {
                                            double p1 =
Math.pow(-1, Integer.bitCount(sjx[z]-1)+1);
                                            BigDecimal
p2 = y[sjx[z]-1].multiply(

      BigDecimal.valueOf(p1)
                                                  );

                                            y[i] =
y[i].add(p2);
                                        }
                                    }

                                    y[i] =
y[i].subtract(BigDecimal.ONE.subtract(tupzero[i]));
                                }
                                else { // k is odd
                                    for(int j = 1; j < k;
++j) {
                                        int[] sjx;
```

```
                                        sjx =
this.snLines(j,m,i+1);
                                        for(int z = 0; z
< sjx.length; ++z) {
                                              double p1 =
Math.pow(-1, Integer.bitCount(sjx[z]-1));
                                              BigDecimal
p2 = y[sjx[z]-1].multiply(
      BigDecimal.valueOf(p1)
                                                    );
                                              y[i] =
y[i].add(p2);
                                        }
                                  }
                                  y[i] =
y[i].add(BigDecimal.ONE.subtract(tupzero[i]));
                            }

                            // start tuplication checks
                            // start Test A

                            randomdup[i] =
BigDecimal.ONE;

                            for(int j = 0; j < xlen; ++j)
{
                                  long v2 = (long) j;

                                  long andV = v1 & v2;

                            if(andV == v2) {
                                  if( Long.bitCount(v2)
== 1 ) {

      randomdup[i] = randomdup[i].multiply(y[j]);
                                  }
                            }
                            }


      if(y[i].compareTo(BigDecimal.ZERO) < 0) {
                                  y[i] = randomdup[i];
                            }
                            // end Test A

                            // start Test B

                            for(int j = 0; j < xlen; ++j)
{
                                  long v2 = (long) j;
```

```
                                    long andV = v1 & v2;

                                if(andV == v2) {
                                    if( Long.bitCount(v2)
== (k - 1) ) {

      if( y[i].compareTo(y[j]) >= 0) {
                                                y[i] =
y[j].multiply(BigDecimal.valueOf(0.9999));
                                            }
                                    }
                                }
                                }


                                // end Test B

                                tupzero[i] = BigDecimal.ONE;

                                for(int j = 0; j < xlen; ++j)
{
                                    long v2 = (long) j;

                                    long andV = v1 & v2;

                                if(andV == v2) {

      if( (Long.bitCount(j) <= Long.bitCount(i)) &&
Long.bitCount(j) > 0 ) {
                                                BigDecimal
p1 = BigDecimal.valueOf(Math.pow(-1, Long.bitCount(j)));
                                                tupzero[i]
= tupzero[i].add(p1.multiply(y[j]));
                                            }
                                    }
                                }

                    }

              }

      }

      return y;
    }

    public int[][] multindex(int[] inserts)
    {
      int m = inserts.length;
      int maxnum = 1;

      for(int i = 0; i < m; ++i)
      {
            maxnum *= (int) (inserts[i] + 1);
```

```
      }

      int[][] multi = new int[maxnum][inserts.length];

      int q = 0;
      int cycle = maxnum;
      int i = m-1;

      while(i >= 0)
      {
            int j = cycle/(inserts[i] + 1);
            int repeats = maxnum/cycle;

            for(int p = 0; p < repeats; p++)
            {
                  for(int count = 0; count <= inserts[i];
count++ )
                  {
                        for(int k = 0; k < j; k++)
                        {
                              q = (q % maxnum) + 1;
                              multi[q-1][m-i-1] = count;
                        }
                  }

            }

            i--;
            cycle = j;
      }

      return multi;
    }

    public int linenum(int m, int i, int j) {
        int f = 1;
        int line;

      int sum = (m - 3) * (m - 2) / 2;

        for(int p = 1; p < m; ++p) {
            for(int q = p + 1; q <= m; ++q) {

               line = p + q + sum - 2 - ( (m - p - 2) * (m
- p - 1) / 2 );
               if( (p == i) && (q == j) )
               {
                  f = line;
               }
            }
        }

        return f - 1;
    }
```

```
    public BigDecimal[] initializeBigDecArray(int size) {
      BigDecimal[] bigDecArray = new BigDecimal[size];
      Arrays.fill(bigDecArray, BigDecimal.ZERO);
      return bigDecArray;
    }

    public int[] snLines(int n, int m, int i) {
      int startVector = i - 1;
          int k = Integer.bitCount(startVector);
      int flength = StatFunctions.nchoosek(k, n);
      int p[] = new int[m];
      int[] f = new int[flength];

      // determine the k vehicle vector positions
      int nCount = 0;

      for(int j = 0; j < m; ++j) {
            if( ( startVector & ( 1 << j )) > 0 ) {
                  p[nCount] = j;
                  nCount++;
            }
      }

      int binVectorSize = (int) Math.pow(2,k);

      int[][] binVector = new int[binVectorSize][k];

      Bindex[] bvcs = new Bindex[binVectorSize];

      for(int index = 0; index < binVectorSize; ++index) {
            bvcs[index] = new Bindex(index);

            for(int j = 0; j < k; ++j) {
                  binVector[index][j] = (index & ( 1 << (k
- j - 1) )) > 0 ? 1 : 0;
                  if(binVector[index][j] == 1) {
                        bvcs[index].count++;
                  }
            }
      }

      Arrays.sort(bvcs);

      int[][] sortVector = new int[binVectorSize][k];

      for ( i = 0; i < bvcs.length; ++i ){
            sortVector[i] = binVector[bvcs[i].index];
      }

      int prior;

      if(n == 1) {
            prior = 1;
```

```
      }
      else if(n == 2) {
            prior = k + 1;
      }
      else {
            prior = 1;
            for(int j = 1; j <= n - 1; ++j) {
                  prior += StatFunctions.nchoosek(k,j);
            }
      }

      int nVectorCols = StatFunctions.nchoosek(k,n);
      int nVector[][] = new int[nVectorCols][k];

      for(int j = prior; j < prior + flength; ++j) {
            for(int colIndex = 0; colIndex < k; ++colIndex)
{

                  nVector[j-prior][colIndex] =
sortVector[j][colIndex];
            }
      }

      int count = 0;
      int newLine;

      for(int j = 0; j < flength; ++j) {
            count++;
            newLine = 1;

            for(int q = 0; q < k; q++) {
                  newLine = newLine + nVector[j][q] * (int)
Math.pow(2, p[k-1-q]);
            }

            f[count-1] = newLine;
      }

      return f;
    }

    public BigDecimal reach(BigDecimal s1mean, BigDecimal
s2mean, int v) {
      BigDecimal r1 = s1mean;
      BigDecimal r2 = s2mean;


      if(r2.subtract(r1.multiply(r1)).compareTo(BigDecimal.
ZERO) == 0) {
            r2 =
r1.multiply(r1).add(BigDecimal.valueOf(0.0000001));
      }
```

```
      BigDecimal alphaBeta =
r1.subtract(r2).divide(r2.subtract(r1.multiply(r1)), SCALE,
ROUNDING_MODE);

      if(alphaBeta.compareTo(BigDecimal.ZERO) < 0) {
            alphaBeta = BigDecimal.valueOf(99999);
      }
      if(alphaBeta.compareTo(BigDecimal.valueOf(99999)) ==
1) {
            alphaBeta = BigDecimal.valueOf(99999);
      }
      if(alphaBeta.compareTo(BigDecimal.ZERO) == 0) {
            alphaBeta =
BigDecimal.valueOf(0.0000000000000001);
      }

      BigDecimal alpha = r1.multiply(alphaBeta);
      BigDecimal beta = alphaBeta.subtract(alpha);
      BigDecimal abProduct = alphaBeta;
      BigDecimal bProduct = beta;

      for(int i = 1; i <= v - 1; ++i) {
            abProduct =
abProduct.multiply(alphaBeta.add(BigDecimal.valueOf(i)));
            bProduct =
bProduct.multiply(beta.add(BigDecimal.valueOf(i)));
      }

      BigDecimal zeroCell = bProduct.divide(abProduct,
SCALE,
ROUNDING_MODE).multiply(BigDecimal.valueOf(StatFunctions.nc
hoosek(v,0)));
      BigDecimal reach = BigDecimal.ONE.subtract(zeroCell);

      return reach;
    }

    public BigDecimal[] bbdAlphaBeta(BigDecimal s1mean,
BigDecimal s2mean) {
      BigDecimal[] alphaBetaValues = new BigDecimal[3];
      BigDecimal r1 = s1mean;
      BigDecimal r2 = s2mean;


      if(r2.subtract(r1.multiply(r1)).compareTo(BigDecimal.
ZERO) == 0) {
            r2 =
r1.multiply(r1).add(BigDecimal.valueOf(0.0000001));
      }

      BigDecimal alphaBeta =
r1.subtract(r2).divide(r2.subtract(r1.multiply(r1)), SCALE,
ROUNDING_MODE);
```

```
      if(alphaBeta.compareTo(BigDecimal.ZERO) < 0) {
            alphaBeta = BigDecimal.valueOf(99999);
      }
      if(alphaBeta.compareTo(BigDecimal.valueOf(99999)) ==
1) {
            alphaBeta = BigDecimal.valueOf(99999);
      }
      if(alphaBeta.compareTo(BigDecimal.ZERO) == 0) {
            alphaBeta =
BigDecimal.valueOf(0.0000000000000001);
      }

      BigDecimal alpha = r1.multiply(alphaBeta);
      BigDecimal beta = alphaBeta.subtract(alpha);
      BigDecimal abProduct = alphaBeta;
      BigDecimal bProduct = beta;

      alpha = r1.multiply(alphaBeta);
      beta = alphaBeta.subtract(alpha);

      alphaBetaValues[0] = alpha;
      alphaBetaValues[1] = beta;
      alphaBetaValues[2] = alphaBeta;

      return alphaBetaValues;
    }

    public BigDecimal bbdExpand(BigDecimal a, BigDecimal b,
int k, int n) {
      BigDecimal f;
      BigDecimal ab = a.add(b);
      BigDecimal denom = BigDecimal.ONE;
      for(int i = 1; i <= n; ++i) {
            denom =
denom.multiply(ab.add(BigDecimal.valueOf(i).subtract(BigDec
imal.ONE)));
      }

      BigDecimal numa = BigDecimal.ONE;
      BigDecimal numb = BigDecimal.ONE;

      if( k > 0 ) {
            for(int i = 1; i <= k; ++i) {
                  numa =
numa.multiply(a.add(BigDecimal.valueOf(i)).subtract(BigDeci
mal.ONE));
            }
      }
      if( k < n ) {
            for(int i = 1; i <= n - k; ++i) {
                  numb =
numb.multiply(b.add(BigDecimal.valueOf(i)).subtract(BigDeci
mal.ONE));
            }
```

```
      }

      f =
BigDecimal.valueOf(StatFunctions.nchoosek(n,k)).multiply(nu
ma).multiply(numb).divide(denom, SCALE, ROUNDING_MODE);

      return f;
    }

    public BigDecimal[] collapseMD(int m, int[] inserts,
int multimax, int[][] multivector, BigDecimal[] MD) {

      int newmultimax = multivector.length;

      BigDecimal[] newmultidist =
this.initializeBigDecArray(newmultimax);
      int[] modcycle = new int[m];
      modcycle[0] = 1;
      modcycle[1] = inserts[0] + 1;

      if( m > 2)
      {
            for(int i = 2; i < m; ++i)
            {
                  modcycle[i] = modcycle[i-1] *
(inserts[i-1] + 1);
            }
      }

      int nmvline = 1;

      //for(int i = 0; i < MD.length; ++i) {
      //    System.out.println(MD[i]);
      //}
      for( int i = 0; i < multimax; ++i )
      {
            nmvline = 1;
            int j = 1;

            while( j < m - 1 )
            {
                  nmvline = nmvline + modcycle[j-1] *
multivector[i][m-j];
                  j++;
            }

            nmvline = nmvline + modcycle[m-2] *
(multivector[i][0] + multivector[i][1]);

            newmultidist[nmvline-1] =
MD[i].add(newmultidist[nmvline-1]);
      }

      return newmultidist;
```

```
    }

      public static void main(String[] args) {
            long start = System.currentTimeMillis();
            Mbd mbd = new Mbd();
            mbd.run();
            long end = System.currentTimeMillis();
            long total = (end - start)/1000;
            System.out.println("Total run time: " + total +
" seconds");
      }

      class Bindex implements Comparable
      {
            public int index;
            public int count;

            public Bindex( int index )
            {
                  this.index = index;
                  this.count = 0;
            }

            public int compareTo( Object o )
            {
                  Bindex other = (Bindex)o;
                  if ( this.count > other.count ) return 1;
                  else if ( this.count < other.count )
return -1;
                  else return 0;
            }
      }
}
```

APPENDIX J
COMPUTER PROGRAM -- JAVA PROGRAM OF HBD
(JAVA program has been developed by Dr. John D. Leckenby)

```
package hyperbeta;

import java.awt.*;
import java.awt.event.*;
import javax.swing.*;
import javax.swing.event.*;
import java.lang.*;
import java.text.*;
import java.util.*;
import corejava.Math.*;
import bbdmeanzero.*;
import java.io.*;
import javax.swing.border.*;



/**
 * <p>Title: HyperBeta Distribution (main)</p>
 * <p>Description: Multivariate Beta Binomial Method</p>
 * <p>Copyright: Copyright (c) 2004</p>
 * <p>Company: </p>
 * @JDLeckenby
 * @version 1.0
 */

public class HyperBetaFrameClass extends JFrame {



   public static String t = new String();

   public static String vehname[] = new String[40];

   double tm,cost[],audience[];

   int num_vehicles;




     //input variables

    //marginals:
     public static double combinedreach;

     double mA0, mA1,mA2,mA3,mA4, mB0, mB1, mB2,mB3;

     double dup, dupe, c1, dummy1, dum2 ,dinga,dingb,ding;

     double s1,s2;

     public double
bivariate_zeroresult,bbdzero_of_tresult,ready_bbdzeroresult
,generate_r2result;
```

```
     int i,  j;

     double marga[] = new double[10];

     double ct[] = new double[10];

     double mmka[] = new double[10];

     double nnka[] = new double[10];

     double dum[] = new double[30];

     double freqa[] = new double[16];

     double freqb[] = new double[16];

     double freq[] = new double[30];

     double margyy[] = new double[3];

     double marg2[] = new double[16];

     double marg1[] = new double[16];

     public static int numveh=0; // this is the main
schedule number of vehicles

     public static int numveh2=0; //this is for the nets
reading

     public static double aud[] = new double[26];

     public static double cume[] = new double[26];

     public static int inserts[] = new int[26];

     public static double net[][] = new double[26][26];

     public static double netsingle[] = new double[26];

     public double times = 0;

     public double duptestresult;

     public static double expnew[] = new double[32];

     //public static double
avgdup,avgr1,avgdup2,avgdup1,betzero,betzero2,betdup;


      private File file1;
      private File file2;
      private File file3;
```

```
    private BufferedReader input1;
    private BufferedReader input;
    private BufferedReader input3;
    private BufferedWriter output;
    private double cmay[] = new double[26];
    double pmay[] = new double[26];
    private double p1may[][] = new double[26][26];
    private double act[] = new double[32];
    private double EXPO[] = new double[32];
    private String magnumstr[];
    private double MAGNUM[] = new double[26];
    private double totn;
    private double knine;
    private double p[] = new double[26];
    private double dup2[][] = new double[26][26];
    private int INSERT[] = new int[26];
    private double p1[][] = new double[26][26];
    private double X;
    private double sumweights;
    private double m;
    private double C1;
    private double pbar;
    private double CUME[] = new double[26];
    private double N1[] = new double[26];
    private double n[] = new double[26];
    private double c[] = new double[26];
    private double TOTAUD;
    //private double ER_Table[][] = new double[560][8];
    //private double PE_Table[][] = new double[560][8];
    //private double e1[] = new double[500];
    private double EXPLEV;
    private int SUMRATE;
    private double E[] = new double[32];
    private double DIF[] = new double[32];
    private double FINDIF;
    private double FDIF;
    private double OBSREACH;
    private double DIFREACH;
    private double AEL;
    private double AEL2;
    private double ER1;
    private double REACHEND;
    private double EXPEND;
    double SUMIN = 0.0;
    private double comb = 0;




JPanel contentPane;
```

```
JMenuBar jMenuBar1 = new JMenuBar();
JMenu jMenuFile = new JMenu();
JMenuItem jMenuFileExit = new JMenuItem();
JMenu jMenuHelp = new JMenu();
JMenuItem jMenuHelpAbout = new JMenuItem();
JToolBar jToolBar = new JToolBar();
JButton jButton1 = new JButton();
JButton jButton2 = new JButton();
JButton jButton3 = new JButton();
ImageIcon image1;
ImageIcon image2;
ImageIcon image3;
JLabel statusBar = new JLabel();
JPanel jPanel1 = new JPanel();
JLabel jLabel1 = new JLabel();
JLabel jLabel2 = new JLabel();
JTextField jTextFieldAud = new JTextField();
JLabel jLabel7 = new JLabel();
JLabel jLabel8 = new JLabel();
JTextField jTextFieldCume = new JTextField();
JLabel jLabel14 = new JLabel();
BorderLayout borderLayout1 = new BorderLayout();
JButton jButtonGo = new JButton();
JTextField jTextFieldNet = new JTextField();
JScrollPane jScrollPane1 = new JScrollPane();
JLabel jLabel3 = new JLabel();
JTextField jTextFieldInserts = new JTextField();
JLabel jLabel4 = new JLabel();
JButton jButtonSet1 = new JButton();
JButton jButtonSet2 = new JButton();
JLabel jLabel9 = new JLabel();
JTextField jTextFieldVehName = new JTextField();
JTextArea jTextAreaOutput = new JTextArea();
JTextArea jTextArea1 = new JTextArea();
JTextArea jTextArea2 = new JTextArea();
JTextArea jTextArea3 = new JTextArea();
JLabel jLabel5 = new JLabel();
Border border1;
Border border2;
JButton jButtonFileInput = new JButton();

//Construct the frame
public HyperBetaFrameClass() {
  enableEvents(AWTEvent.WINDOW_EVENT_MASK);
  try {
    jbInit();
  }
  catch(Exception e) {
    e.printStackTrace();
  }
}
//Component initialization
public void jbInit() throws Exception  {
```

```
    image1 = new
ImageIcon(hyperbeta.HyperBetaFrameClass.class.getResource("
openFile.png"));
    image2 = new
ImageIcon(hyperbeta.HyperBetaFrameClass.class.getResource("
closeFile.png"));
    image3 = new
ImageIcon(hyperbeta.HyperBetaFrameClass.class.getResource("
help.png"));
    contentPane = (JPanel) this.getContentPane();
    border1 =
BorderFactory.createBevelBorder(BevelBorder.RAISED,Color.wh
ite,Color.white,new Color(124, 124, 124),new Color(178, 178,
178));
    border2 =
BorderFactory.createLineBorder(Color.white,1);
    contentPane.setLayout(borderLayout1);
    this.setSize(new Dimension(940, 600));
    this.setTitle("HyperBeta");
    statusBar.setText(" ");
    statusBar.setBounds(new Rectangle(-1, 414, 940, 15));
    jMenuFile.setText("File");
    jMenuFileExit.setText("Exit");
    jMenuFileExit.addActionListener(new
HyperBetaFrameClass_jMenuFileExit_ActionAdapter(this));
    jMenuHelp.setText("Help");
    jMenuHelpAbout.setText("About");
    jMenuHelpAbout.addActionListener(new
HyperBetaFrameClass_jMenuHelpAbout_ActionAdapter(this));
    jButton1.setIcon(image1);
    jButton1.setToolTipText("Open File");
    jButton2.setIcon(image2);
    jButton2.setToolTipText("Close File");
    jButton3.setIcon(image3);
    jButton3.setToolTipText("Help");
    jPanel1.setBorder(BorderFactory.createEtchedBorder());
    jPanel1.setLayout(null);
    jLabel1.setFont(new java.awt.Font("Dialog", 1, 20));
    jLabel1.setHorizontalAlignment(SwingConstants.CENTER);
    jLabel1.setText("Hyper Beta Distribution");
    jLabel1.setBounds(new Rectangle(315, 3, 313, 24));
    jLabel2.setFont(new java.awt.Font("Dialog", 1, 16));
    jLabel2.setText("Input:");
    jLabel2.setBounds(new Rectangle(14, 73, 84, 21));
    jTextFieldAud.setText(".25");
    jTextFieldAud.setBounds(new Rectangle(113, 70, 85,
19));
    jTextFieldAud.addActionListener(new
HyperBetaFrameClass_jTextFieldAud_actionAdapter(this));
    jLabel7.setText("1b.  Vehicle Audience:");
    jLabel7.setBounds(new Rectangle(113, 49, 145, 19));
    jLabel8.setRequestFocusEnabled(true);
    jLabel8.setText("1c.Cume:");
    jLabel8.setBounds(new Rectangle(113, 89, 73, 16));
```

```
    jTextFieldCume.setText(".4");
    jTextFieldCume.setBounds(new Rectangle(113, 112, 83,
19));
    jLabel14.setBounds(new Rectangle(14, 184, 84, 21));
    jLabel14.setText("Output:");
    jLabel14.setFont(new java.awt.Font("Dialog", 1, 16));
    contentPane.setMaximumSize(new Dimension(32000,
32000));
    contentPane.setPreferredSize(new Dimension(50000,
50000));
    jButtonGo.setBounds(new Rectangle(756, 74, 103, 27));
    jButtonGo.setText("Go");
    jButtonGo.addActionListener(new
HyperBetaFrameClass_jButtonGo_actionAdapter(this));
    jTextFieldNet.setBounds(new Rectangle(437, 93, 83,
19));
    jTextFieldNet.setText(".60");
    jScrollPane1.setMaximumSize(new Dimension(32767777,
32767));
    jScrollPane1.setPreferredSize(new Dimension(0, 0));
    jScrollPane1.setBounds(new Rectangle(90, 182, 804,
314));
    jLabel3.setText("2.  Nets:  1,2--1,3--etc.");
    jLabel3.setBounds(new Rectangle(437, 67, 113, 20));
    jTextFieldInserts.setText("3");
    jTextFieldInserts.setBounds(new Rectangle(113, 157, 43,
19));
    jTextFieldInserts.addActionListener(new
HyperBetaFrameClass_jTextFieldInserts_actionAdapter(this));
    jLabel4.setText("1d.  inserts");
    jLabel4.setBounds(new Rectangle(113, 134, 81, 21));
    jButtonSet1.setBounds(new Rectangle(241, 151, 73, 19));
    jButtonSet1.setText("1.  set");
    jButtonSet1.addActionListener(new
HyperBetaFrameClass_jButtonSet1_actionAdapter(this));
    jButtonSet2.setBounds(new Rectangle(435, 135, 88, 20));
    jButtonSet2.setText("2. set");
    jButtonSet2.addActionListener(new
HyperBetaFrameClass_jButtonSet2_actionAdapter(this));
    jLabel9.setBounds(new Rectangle(113, 4, 145, 19));
    jLabel9.setText("1a.  Vehicle Name:");
    jTextFieldVehName.setBounds(new Rectangle(113, 27, 85,
19));
    jTextFieldVehName.addActionListener(new
HyperBetaFrameClass_jTextFieldVehName_actionAdapter(this));
    jTextFieldVehName.setText("Newsweek");
    jTextArea1.setFont(new java.awt.Font("Dialog", 0, 10));

jTextArea1.setBorder(BorderFactory.createLoweredBevelBorder
());
    jTextArea1.setEditable(false);
    jTextArea1.setText("Input each item 1a. through 1d. at
the left for a vehicle and then " +
```

```
    "click the \"1.set\" button.  Repeat for each vehicle
in the schedule.");
    jTextArea1.setLineWrap(true);
    jTextArea1.setWrapStyleWord(true);
    jTextArea1.setBounds(new Rectangle(224, 26, 133, 113));
    jTextAreaOutput.setFont(new java.awt.Font("Dialog", 0,
12));
    jTextAreaOutput.setLineWrap(true);
    jTextArea2.setBounds(new Rectangle(590, 11, 132, 113));
    jTextArea2.setWrapStyleWord(true);
    jTextArea2.setLineWrap(true);

jTextArea2.setBorder(BorderFactory.createLoweredBevelBorder
());
    jTextArea2.setEditable(false);
    jTextArea2.setText("Input a net for each pair of
vehicles to the left in item 2.  Input " +
    "vehicle 1 with vehicle 2 net first; then 1 with 2  and
last 2 with " +
    "3 for 3 vehicle-schedule.  Click the \"2.set\" button
after each net.");
    jTextArea2.setFont(new java.awt.Font("Dialog", 0, 10));
    jTextArea3.setFont(new java.awt.Font("Dialog", 0, 10));

jTextArea3.setBorder(BorderFactory.createLoweredBevelBorder
());
    jTextArea3.setEditable(false);
    jTextArea3.setText("click \"Go\" button when all data
are entered to execute if this is " +
    "User Input Data.");
    jTextArea3.setLineWrap(true);
    jTextArea3.setWrapStyleWord(true);
    jTextArea3.setBounds(new Rectangle(740, 11, 149, 53));
    jLabel5.setBackground(Color.lightGray);

jLabel5.setBorder(BorderFactory.createLoweredBevelBorder())
;
    jLabel5.setText("");
    jLabel5.setBounds(new Rectangle(735, 150, 160, 19));
    jButtonFileInput.setBounds(new Rectangle(735, 117, 162,
25));
    jButtonFileInput.setText("Click for File Input");
    jButtonFileInput.addActionListener(new
HyperBetaFrameClass_jButtonFileInput_actionAdapter(this));
    jToolBar.add(jButton1);
    jToolBar.add(jButton2);
    jToolBar.add(jButton3);
    contentPane.add(jPanel1, BorderLayout.CENTER);
    jMenuFile.add(jMenuFileExit);
    jMenuHelp.add(jMenuHelpAbout);
    jMenuBar1.add(jMenuFile);
    jMenuBar1.add(jMenuHelp);
    this.setJMenuBar(jMenuBar1);
    contentPane.add(jToolBar, BorderLayout.NORTH);
```

```
    jPanel1.add(jLabel2, null);
    jPanel1.add(jLabel14, null);
    jPanel1.add(statusBar, null);
    jPanel1.add(jScrollPane1, null);
    jScrollPane1.getViewport().add(jTextAreaOutput, null);
    jPanel1.add(jTextFieldCume, null);
    jPanel1.add(jLabel8, null);
    jPanel1.add(jLabel4, null);
    jPanel1.add(jTextFieldInserts, null);
    jPanel1.add(jTextFieldAud, null);
    jPanel1.add(jLabel7, null);
    jPanel1.add(jLabel9, null);
    jPanel1.add(jTextFieldVehName, null);
    jPanel1.add(jTextArea1, null);
    jPanel1.add(jButtonSet1, null);
    jPanel1.add(jLabel3, null);
    jPanel1.add(jLabel1, null);
    jPanel1.add(jTextFieldNet, null);
    jPanel1.add(jLabel5, null);
    jPanel1.add(jButtonFileInput, null);
    jPanel1.add(jTextArea3, null);
    jPanel1.add(jTextArea2, null);
    jPanel1.add(jButtonSet2, null);
    jPanel1.add(jButtonGo, null);
  }
```

```
  //File | Exit action performed
  public void jMenuFileExit_actionPerformed(ActionEvent e)
{
    System.exit(0);
  }
  //Help | About action performed
  public void jMenuHelpAbout_actionPerformed(ActionEvent e)
{
    hyperbeta.HyperBetaFrame_AboutBox dlg = new
hyperbeta.HyperBetaFrame_AboutBox(this);
    Dimension dlgSize = dlg.getPreferredSize();
    Dimension frmSize = getSize();
    Point loc = getLocation();
    dlg.setLocation((frmSize.width - dlgSize.width) / 2 +
loc.x, (frmSize.height - dlgSize.height) / 2 + loc.y);
    dlg.setModal(true);
    dlg.pack();
    dlg.show();
```

```
  }
  //Overridden so we can exit when window is closed
  protected void processWindowEvent(WindowEvent e) {
    super.processWindowEvent(e);
    if (e.getID() == WindowEvent.WINDOW_CLOSING) {
      jMenuFileExit_actionPerformed(null);
    }
  }

  public void jButtonGo_actionPerformed(ActionEvent e) {

    //put it test data for schedule so don't have to
interactive input
/*
    numveh = 3;
    aud[1]=.25;
    aud[2]=.40;
    aud[3]=.10;
    cume[1]=.40;
    cume[2]=.70;
    cume[3]=.15;
    netsingle[1]=.60;
    netsingle[2]=.28;
    netsingle[3]=.44;
    inserts[1]=3;
    inserts[2]=4;
    inserts[3]=5;
    vehname[1]="Newsweek";
    vehname[2]="Time";
    vehname[3]="Better Homes & Gardens";
*/

//further test data from Chandon: (actual zero cell=.622
while bbd zero cell=.610)
/*
    numveh = 3;
    aud[1]=.1744;
    aud[2]=.1114;
    aud[3]=.1261;
    cume[1]=.2321;
    cume[2]=.1557;
    cume[3]=.1733;
    netsingle[1]=.2388;
    netsingle[2]=.2515;
    netsingle[3]=.2026;
    inserts[1]=2;
    inserts[2]=2;
    inserts[3]=2;
    vehname[1]="Better Homes & Gardens";
    vehname[2]="F.H.";
    vehname[3]="Ladies Home Journal";
*/
```

```
    //uses
bivariate_zero,genrate_r2,ready_bbdzero,bbd_zero_of_t,mulbe
ta
    //  and bivariate_zero



     //step 1a.  Generate BBD for first two vehicles which
become the above marginals by going
    //    to SequentialAggregation for vehicles a and b
(bbdvehicle there can do this)
    //    SA also will order all vehicles first by size of
pairwise duplications for order of aggregation


     int k;
     k=1;

     //now get netsingle input into net[][] array;
     for(i = 1; i <= numveh-1; i++){
      for (j = i + 1; j <= numveh; j++) {

        net[i][j] = netsingle[k];
        k++;
        //addItem("\nnet[i][j]= " + net[i][j]);
      }
    }

    num_vehicles = numveh;



SequentialAggregation.SequentialAggregation(combinedreach,n
umveh,vehname,aud,cume,net,inserts);

    //step 1b.  Come back to HyperBetaFrameClass to get
mulbet zero cell (combinedzero)


    //below outputs all "t" words to the textarea;
    jTextAreaOutput.setText(t);


  }



  public void combinedzerocell(double marg1[],double
marg2[]){


    double margzerocell,grp,r1,sumdup,sumdup2;
         grp = 0.0;
```

```
        sumdup = 0.0;
        sumdup2 = 0.0;




    //step 2.  Get combined zero cell using mulbet
procedure

    //step 2a.  get sa1,sb1 etc. below



    //need data for:  sa1,sb1,san,sbn,sab,nna,nnb,fug

    //need input textfields for sa1,sb1,nna,nnb
    //   sa1,sb1 = r1 of schedule a and b
    //   san and sbn = net reach of each schedule
    //   sab = average dup of two schedules
    //   nna and nnb are insertions in two schedules
    //   fug appears = 0 or r2 in case of 1 insertion in a
schedule??
    //   y in pzonk not initialized??

    //replace below with calculations from new input data
system
    //sa1 = .25;
    //sb1 = .5;
    //sab = dup;
    //san = .7;
    //sbn = .6;


    //nna = 4;
    //nnb = 3;




    int nna,nnb;

    double sa1, sb1,sab,san,sbn;


    //sa1 = aud[1];
    sa1 = SequentialAggregation.pp[1];
    //sb1 = aud[2];
    sb1 = SequentialAggregation.pp[2];

    //sab = sa1 + sb1 - net[1][2];
    sab = sa1 + sb1 - SequentialAggregation.pp2[1][2];
```

```
     san = 1.0 - marg1[0];
     sbn = 1.0 - marg2[0];


     nna = SequentialAggregation.newinserts[1];
     nnb = SequentialAggregation.newinserts[2];

     times ++;
     //below if section sets things up for more than two-
vehicle case

     //below gets us in vehicles > 2 over the pairs done
first time here
     //if(SequentialAggregation.seqtimes> 1){
     if(times> 1){

       //Below stuff is to get r1 and mean dup
       //1. Get data into order from F[](aka marg1[])--
combined distri--for means and zeros
       //MeanZero(marginal zero cell, grps, n, totn)

       //have to get the combined distr marginal going from
0 to n since when they come
       //  from convolution they start a subscript 1 rather
than 0 where they need to be
       //for(i=1;i<=SequentialAggregation.mm3;i++){
         //marg1[i-1] = marg1[i];
       //}
       margzerocell = 1. - marg1[0];
       //get grps of marg1[]



       for(i=0; i<SequentialAggregation.mm3-1;i++){

         grp += (i * marg1[i]);
       }


bbdmeanzero.MeanZero.MeanZero(margzerocell,grp,SequentialAg
gregation.mm3-2,SequentialAggregation.mm3-2);

       //2.  Get R1 (reach of the "pseudo-vehicle"
represented by this combined distri
       //    where:  R1 = alpha/(alpha+beta)


       r1 = bbdmeanzero.MeanZero.a /
(bbdmeanzero.MeanZero.a + bbdmeanzero.MeanZero.b);

       //3.  Find the average duplication of all pairs in
the schedule so far
```

```
       //****number of vehicles below is not numveh but
whatever to this point from sa
       //vehsofar is set to the number of vehicles in
combined dist F each time in sa
       //for(i = 1; i < SequentialAggregation.vehsofar;
i++){
             //for (j = i + 1; j <
SequentialAggregation.vehsofar+1; j++) {
      //******revision of averaging dups-----below for
loops account for having only the between dups for 1-3,2-3
and leaving out 1-2
      //  as it has already been accounted for in the
composite vehicle (1+2) and now only want
      //  dups between those vehicles in the composite
vehicle and the new vehicle--not dups within
      //  the composite vehicle.  So, in the 3-vehicle case,
we get 1-3 and 2-3 to average and not include
      //  1-2.
      //double rtemp = 0.0;
      //double rbar, rbar_reach  = 0.0;
      //double hof_num, hof_denom,hof_denom2, hof_reach;
      //hof_num = 0.0;
      //hof_denom = 0.0;
      //hof_denom2 = 0.0;
      //double k[][] = new double [26][26];
      double sum_p = 0.0;
      double sumnet2 = 0.0;
      //double wdup[] = new double[26];
      //double avbv[] = new double[26];
      //double av[] = new double [26];
      //double bv[] = new double [26];
      //double sumavbv = 0.0;
      //double sum_p = 0.0;


      //for(i=1; i <= SequentialAggregation.vehsofar; i++){

        //wdup[i] = SequentialAggregation.pp[i] +
SequentialAggregation.pp[//] -
            //SequentialAggregation.cc[i];

        //avbv[i] = (SequentialAggregation.pp[i] - wdup[i])
/
            //(wdup[i] - SequentialAggregation.pp[i] *
SequentialAggregation.pp[i]);

        //av[i] = SequentialAggregation.pp[i] * avbv[i];

        //bv[i] = avbv[i] - av[i];

        //sumavbv += avbv[i];
      //}
      for(i=1; i <= SequentialAggregation.vehsofar - 1;
i++){
```

```
        //sum_p += SequentialAggregation.pp[i];

           j = SequentialAggregation.vehsofar;
      //for(i=1; i <= SequentialAggregation.vehsofar - 1;
i++){



             //for(j = i + 1; j <=
SequentialAggregation.vehsofar;j++){

               //****make sure net has not already been
converted to dups somewhere else
                //below make correlation coefficient as in
canex for each pair of vehicles
                //rtemp += (SequentialAggregation.pp[i] +
SequentialAggregation.pp[j] -
SequentialAggregation.pp2[i][j] -
                          //SequentialAggregation.pp[i] *
SequentialAggregation.pp[j])/Math.sqrt(SequentialAggregatio
n.pp[i]*(1.0-
SequentialAggregation.pp[i])*SequentialAggregation.pp[j]*(1
.0-SequentialAggregation.pp[j]));

               sumdup += (SequentialAggregation.pp[i] +
SequentialAggregation.pp[j] -
SequentialAggregation.pp2[i][j]);

               //try weighting sumdups by alpha,beta
parameters
               //sumdup += (SequentialAggregation.pp[i] +
SequentialAggregation.pp[j] -
SequentialAggregation.pp2[i][j]) * Math.abs(avbv[i]) *
Math.abs(avbv[j]);
               sumdup2 += (SequentialAggregation.pp[i] +
SequentialAggregation.pp[j] -
SequentialAggregation.pp2[i][j]) *
SequentialAggregation.pp[i];

               //Hofmans
               //k[i][j] = (SequentialAggregation.pp[i] +
SequentialAggregation.pp[j])/(SequentialAggregation.pp[i] +
SequentialAggregation.pp[j]) - (SequentialAggregation.pp[i]
+ SequentialAggregation.pp[j]-
SequentialAggregation.pp2[i][j]);


               //hof_denom += (k[i][j] *
(SequentialAggregation.pp[i] + SequentialAggregation.pp[j]
- SequentialAggregation.pp1[i][j]));
       //}
```

```
       //for (i=1;i<=SequentialAggregation.vehsofar;i++){

         //hof_num += ((SequentialAggregation.pp[i]) *
(SequentialAggregation.pp[i]));
         //hof_denom2 += SequentialAggregation.pp[i];

           }
           //hof_reach = hof_num/hof_denom2 + hof_denom;
        //below makes the average correlation coefficient
        //rbar = rtemp/(SequentialAggregation.vehsofar-1);
        //rbar =
rtemp/(SequentialAggregation.vehsofar*(SequentialAggregatio
n.vehsofar-1))/2;
        //rbar_reach = (1.0 - r1 *
SequentialAggregation.p[SequentialAggregation.v[SequentialA
ggregation.vehsofar]] * rtemp);

        double avgr1,betdup;
        double avgdup,avgdup2;
        double betzero,betzero2;
        //below is the correct divisor for average dup--
above would be for all combinations of pairs
        avgdup = sumdup/ (SequentialAggregation.vehsofar-
1);
        //avgdup = sumdup / sumavbv;
        //avgdup = sumdup /
(SequentialAggregation.vehsofar*(SequentialAggregation.vehs
ofar-1))/2;
        avgdup2 = sumdup2 / sum_p;



        //Do average bbd to get estimated dup for new
vehicle with aggregated pseudo-vehicle


        //find average audience of two vehicles in the
composite vehicle:
        avgr1 = (r1 + SequentialAggregation.r1b)/2;

        //try reach of all m vehicles at once
        //for(i=1; i <= SequentialAggregation.vehsofar;
i++)
          //sum_p += SequentialAggregation.pp[i];

        //avgr1 = sum_p /  SequentialAggregation.vehsofar;


//try estimating between zero cell of pseduo vehicle and
new vehicle by find Hofmans reach of all to
//to use in betdup calculation below.  Averaging above
probably under or over estimates dup all the time.
        //betzero = bbdzero_of_t(avgdup,avgr1,2,0);
```

```
        bbdzero_of_t(avgdup,avgr1,2,0);
        betzero = bbdzero_of_tresult;
        //betzero2 = bbdzero_of_t(avgdup2,avgr1,2,0);
        //bbdzero_of_t(avgdup2,avgr1,2,0);
        //betzero2 = bbdzero_of_tresult;

       //Hofmans' reach of all pairs in the schedule

        //betdup = r1 +  SequentialAggregation.r1b -
betzero;
        //betdup = r1 +  SequentialAggregation.r1b - (1.0 -
betzero);
        betdup = r1 +
SequentialAggregation.p[SequentialAggregation.v[SequentialA
ggregation.vehsofar]] - (1.0 - betzero);
        //betdup = r1 +
SequentialAggregation.p[SequentialAggregation.v[SequentialA
ggregation.vehsofar]] - rbar_reach;

        //betdup = r1 +
SequentialAggregation.p[SequentialAggregation.v[SequentialA
ggregation.vehsofar]] - hof_reach;
        //addItem("\n\t\tbetdup = " + betdup);


        //4. Now set up the parameters for hyperbeta mulbet




        sa1 = r1;
        sb1 = SequentialAggregation.r1b; //r1b is the new
vehicle's audience r1

        //sab = avgdup;
        sab = betdup;

        san = 1.0 - marg1[0];
        sbn = 1.0 - marg2[0];


        nna = SequentialAggregation.mm3-2; //mm3 is
combined inserts for F from sa
        nnb = SequentialAggregation.n2;  //n2 are new
vehicle added on inserts from sa

     }


     //next four statements give same thing (zero cell of
marginals a and b):
     dinga = marg1[0];
     dingb = marg2[0];
```

```
     dinga = 1 - san;
     dingb = 1 - sbn;

     generate_r2(dinga,sa1,nna,0);

     //addItem("\n\t\tpzapresult(a)=  " +
generate_r2result);
     //jTextAreaOutput.setText(t);



     marga[2] = generate_r2result;



     generate_r2(dingb,sb1,nnb,0);

     //addItem("\n\t\tpzapresult(b)=  " +
generate_r2result);
     //jTextAreaOutput.setText(t);

     marga[5] = generate_r2result;

     marga[1] = (sa1 - marga[2])*2;
     marga[4] = (sb1 - marga[5])*2;

     marga[0] = 1 - marga[1] - marga[2];
     marga[3] = 1 - marga[4] - marga[5];

     //addItem("\n\t\tmarga[0]=" + marga[0]);
     //addItem("\n\t\tmarga[1]=" + marga[1]);
     //addItem("\n\t\tmarga[2]=" + marga[2]);
     //addItem("\n\t\tmarga[3]=" + marga[3]);
     //addItem("\n\t\tmarga[4]=" + marga[4]);
     //addItem("\n\t\tmarga[5]=" + marga[5]);
     //jTextAreaOutput.setText(t);


     //****at this point, need to check the dup (sab) for
consistency with the multivariate beta model
     //before using it in mulbeta procedure.

     duptestresult = 0.0;
     between_dup_test(sab,marga);

     sab = duptestresult;

     mulbeta(sab,marga);


     //addItem("\t\tafter mulbeta return marga[0],
marga[5]=" + marga[0] +"  " + marga[5]);
     //jTextAreaOutput.setText(t);
```

```
     for (i=0;i<=2; i++){


ready_bbdzero(freq[i*3],freq[i*3+1],freq[i*3+2],nna,0);

       margyy[i] = ready_bbdzeroresult;

      }

      ready_bbdzero(margyy[0],margyy[1],margyy[2],nnb,0);

      //ding is 1-combined reach of the two schedules
      ding = ready_bbdzeroresult;

      //addItem("\t\tding= " + ding);
      //jTextAreaOutput.setText(t);

      combinedreach = 1. - ding;

      //addItem("\t\tcombinedreach= " + combinedreach);
      //jTextAreaOutput.setText(t);

     }



      double ready_bbdzero(double cso,double cs1,double
cs2,int ta,double fr){

       //ready_bbdzero gets data into form for bbdzero_of_t.

       double bass;

       bass = cso + cs1 + cs2;

       if(bass <= 0.0){

         bass = Math.pow(10,-15);

       }

       s1 = cs1/bass;
       s2 = cs2/bass;

       s1 = .5 * s1 + s2;

       ready_bbdzeroresult = (bbdzero_of_t(s2,s1,ta,fr)) *
bass;

       return 0;

     }
```

```
       double bbdzero_of_t(double k2,double k1,int
tt,double f){

       //bbdzero_of_t returns 0 out of T uses of the BBD
given duplication
       //  (k2), R1(k1), and t.

         int y;
         double t1,t2, m, n, mn;


         //y?
         y =0;

         t1 = k1;
         t2 = k2;

         if (t2 - t1 * t1 == 0.0){

           t2 = t1 *t1+.0000001;
         }

         mn = (t1 - t2)/(t2 - t1*t1);

         //if((t2 - t1 * t1) <= 0.0)
           //mn = 1.0e+15;

         //if((t2 - t1 * t1) == 0.0)
           //mn = 1.0e-15;

         if (mn < .0){
           mn = 99999;
         }
         if (mn > 99999){
           mn = 99999;
        }
        if (mn == 0.0){
           mn = Math.pow(3,-8);
         }



         m = t1 * mn;
         n = mn - m;

         if (n == 0){
           n = 1;
         }

         //if(mn == Double.NaN)
          // n=1;
```

```
         bbdzero_of_tresult =
Math.exp(Functions.lnfgamma(n+tt) - Functions.lnfgamma(n) +
Functions.lnfgamma(mn) - Functions.lnfgamma(mn+tt));

         //if(bbdzero_of_tresult == Double.NaN)
           //n=1;


         return bbdzero_of_tresult;


    }



     double generate_r2(double nr, double t1, int na, int
ff){

      //generate_r2 returns the R2 of the bbd given 0 out
of na uses (NR), R1(T1)
      //  and na.

      double xe, ye, dume, nra  ;

      double dum[] = new double[10];

      double y[] = new double[6];

      double x[] = new double[6];

      int ya,best;

     int round;

      xe = nr;

      y[1] = .999;

      if (ff == 1){
        y[2] = -t1*t1/(t1-t1*t1);
      }
      else{
        y[2] = .0;
      }

      dum[1] = y[1]*(t1-t1*t1)+t1*t1;
      dum[2] = y[2]*(t1-t1*t1)+t1*t1;
      x[1] = bbdzero_of_t(dum[1],t1,na,ff);
      x[2] = bbdzero_of_t(dum[2],t1,na,ff);

      if (nr >= x[1]){
        ye = y[1];
```

```
  generate_r2result = ye * (t1-t1*t1)+t1*t1;
}

else if(nr <= x[2]){
  ye = y[2];
  generate_r2result = ye * (t1-t1*t1)+t1*t1;
}

ya = 0;


do{

round=0;

ya = ya + 1;


if (Math.abs(x[1]-nr) < Math.abs(x[2]-nr)){
  best = 1;
}
else{
  best = 2;
}
ye = y[1] + ((y[2]-y[1])/(x[2]-x[1]))*(xe-x[1]);

if (ff == 1 & ye < 0){
  ye = ya/100;
}

if (ff != 1 & ye < 0){
    ye=ya/100;
}

dume = ye*(t1-t1*t1)+t1*t1;

bbdzero_of_t(dume,t1,na,ff);

nra = bbdzero_of_tresult;

if (Math.abs(nra-nr) < Math.pow(10,-10) | ya > 50){
  generate_r2result=ye*(t1-t1*t1)+t1*t1;
}
else{
  y[1] =y[best];
  dum[1] =dum[best];
  x[1] = x[best];
  y[2] = ye;
  x[2] = nra;

  if(x[1]-x[2] == 0.0){
    generate_r2result=ye*(t1-t1*t1)+t1*t1;
  }
```

```
        else{
        dum[2] = dume;
        ya = ya + 1;
        round=1;
        }
        }


      }
      while (round == 1);

      //addItem("\t\tgenerate_r2result in pzap= " +
generate_r2result);
      //jTextAreaOutput.setText(t);

      return 0;

    }









     public  double mulbeta(double dupe, double marga[]){

      //this is the multivariate method for finding the 3 x
3

    for (i=1; i<=2; i++){

      c1 =  .5 * marga[i*i] + marga[i*i+1];
      ct[i] = .5 *  marga[i*i] + marga[i*i+1];
      if (marga[i*i+1] <= c1*c1){
        marga[i*i+1] = c1 * c1 + Math.pow(10,-10);
      }
      dummy1 = (c1-marga[i*i+1])/(marga[i*i+1]-c1*c1);
      mmka[i] = c1 * dummy1;
      nnka[i] = dummy1 - mmka[i];

      //addItem("\t\tdummy1=" + String.valueOf(dummy1));

    }

        //addItem("\n");
        //addItem("\t\tmarga[1]=" +
String.valueOf(marga[0]));
        //addItem("\t\tmarga[1]=" +
String.valueOf(marga[1]));
        //addItem("\t\tmarga[2]=" +
String.valueOf(marga[2]));
```

```
        //addItem("\t\tmarga[1]=" +
String.valueOf(marga[3]));
        //addItem("\t\tmarga[4]=" +
String.valueOf(marga[4]));
        //addItem("\t\tmarga[5]=" +
String.valueOf(marga[5]));
        //addItem("\t\tc1=" + String.valueOf(c1));
        //addItem("\t\tdummy1=" + String.valueOf(dummy1));
        //addItem("\t\tmmka[1]=" +
String.valueOf(mmka[1]));
        //addItem("\t\tnnka[1]=" +
String.valueOf(nnka[1]));
        //addItem("\t\tmmka[2]=" +
String.valueOf(mmka[2]));
        //addItem("\t\tnnka[2]=" +
String.valueOf(nnka[2]));

    for (i=1; i<=2; i++){

      if (dupe/ct[3-i] < mmka[i]/(mmka[i] + nnka[i]+1)){
       dupe = mmka[i]/(mmka[i]+nnka[i]+1) * ct[3-i];
      }

      if (dupe/ct[3-i] > (mmka[i]+1)/(mmka[i] +
nnka[i]+1)){
        dupe = (mmka[i]+1)/(mmka[i]+nnka[i]+1) * ct[3-i];
      }

      if ((ct[i]-dupe)/(1-ct[3-i]) < mmka[i]/(mmka[i] +
nnka[i]+1)){
       dupe = ct[i] - mmka[i]/(mmka[i] + nnka[i] +1) * (1-
ct[3-i]);
      }

      if ((ct[i]-dupe)/(1-ct[3-i]) > (mmka[i]+1)/(mmka[i] +
nnka[i]+1)){
        dupe = ct[i] - (mmka[i]+1)/(mmka[i] + nnka[i] +1) *
(1-ct[3-i]);
    }

  }

  for (i=1; i<=2; i++){

    j = (i-1)*3;
    c1 = (ct[i] - dupe)/(1.0-ct[3-i]);
    bivariate_zeroresult =
bivariate_zero(c1,mmka[i],nnka[i]);
    //addItem("\t\tpzeroresult before dum:  " +
String.valueOf(bivariate_zeroresult));
    dum[j] = bivariate_zeroresult;
    dum[j+1] = (1-c1- dum[j])*2;
    dum[j+2] = 1-dum[j]-dum[j+1];
```

```
    //addItem("\t\tc1,dupe,ct[i],ct[3-i],mmka[],nnka[]=" +
String.valueOf(c1) + "  " + String.valueOf(dupe)+"  "
+String.valueOf(ct[i])+"  " +String.valueOf(ct[3-i])+"  "
+String.valueOf(mmka[i])+"  " +String.valueOf(nnka[i]));

      }

    //addItem("\t\tdum0,1,2= " + dum[0] + "  " + dum[1] + "
" + dum[2]);
    //addItem("\t\tdum3,4,5= " + dum[3] + "  " + dum[4] + "
" + dum[5]);

    //addItem("\n");
    //addItem("\t\tc1=" + String.valueOf(c1));
    //addItem("\t\tct[1]=" + String.valueOf(ct[1]));
    //addItem("\t\tdupe=" + String.valueOf(dupe));
    //addItem("\t\tmmka[1]=" + String.valueOf(mmka[1]));
   // addItem("\t\tmmka[2}=" + String.valueOf(mmka[2]));
    //addItem("\t\tpzeroresult=" +
String.valueOf(bivariate_zeroresult));

    //addItem(String.valueOf(dum[1]));
    //addItem(String.valueOf(dum[2]));
    //addItem(String.valueOf(dum[3]));

    //jTextAreaOutput.setText(t);



  for (i=3; i<=4; i++){

    j=(i-1)*3;
    c1 = .5*dum[j-5]+dum[j-4];

    //addItem("\t\tc1= " + String.valueOf(c1));

    dum2 = dum[j-4];
    dummy1 = (c1-dum2)/(dum2-c1*c1);
    mmka[i-2] = c1*dummy1;
    nnka[i-2] = dummy1-mmka[i-2];
    c1 = 1 - dum[9-j]*(1-ct[i-2])/marga[9-j];
    if (c1 < mmka[i-2]/(mmka[i-2]+nnka[i-2]+1)){
        c1=mmka[i-2]/(mmka[i-2]+nnka[i-2]+1);
    }

    if (c1 > (mmka[i-2]+1)/(mmka[i-2]+nnka[i-2]+1)){
        c1=(mmka[i-2]+1)/(mmka[i-2]+nnka[i-2]+1);
    }

    bivariate_zeroresult = bivariate_zero(c1,mmka[i-
2],nnka[i-2]);
    dum[j] = bivariate_zeroresult;
    dum[j+1] = (1-c1-dum[j])*2;
    dum[j+2] = 1-dum[j+1] - dum[j];
```

```
    //addItem("\t\tnew c1= " + String.valueOf(c1));
    //addItem("\t\tdummy1= " + String.valueOf(dummy1) + "
mmka=" + String.valueOf(mmka[i-2]));

  }

    //addItem("\t\tdum6,7,8= " + dum[6] + "  " + dum[7] + "
" + dum[8]);
    //addItem("\t\tdum9,10,11= " + dum[9] + "  " + dum[10]
+ "  " + dum[11]);


  for (i=0; i<=2;i++){

    j=i*3;
    dum[i] = dum[i]*(1-ct[2]);
    freqa[i] = dum[i+6]*marga[3];
    freqa[i+3] = (dum[i]-freqa[i])*2;
    freqa[i+6] = marga[i] -freqa[i] -freqa[i+3];

    dum[i+3] = dum[i+3] *(1-ct[1]);
    freqb[j] = dum[i + 9] * marga[0];
    freqb[j+1] = (dum[i+3]-freqb[j])*2;
    freqb[j+2] = marga[i+3] - freqb[j] -freqb[j+1];

    //addItem("\t\tdum[i]= " + dum[i] + "
freqa[i],freqa{i+3},freqa[i+6}=  " + freqa[i] + "
"+freqa[i+3] + "  " +freqa[i+6]);
    //addItem("\t\tdum[i+3]= " + dum[i+3] + "
freqb[j],freqb{j+3},freqb[j+6}=  " + freqb[j] + "
"+freqb[j+1] + "  " +freqb[j+2]);


  }

  for (i=0;i<9;i++){

      //addItem("\n\t\freqa[i]=  " + freqa[i]);
      //addItem("\n\t\freqb[i]= " + freqb[i]);
  }
  for (i=0; i<=8;i++){

    freq[i] = (freqa[i] + freqb[i])/2;

    //get output
    //addItem(String.valueOf(freq[i]));

  }

       sendoutputHyperBeta(freq);

        return 0;
    }
```

```
    public double between_dup_test(double duptest,double
margtest[]){

      //method between_dup_test is a check on the fitness
of the between-vehicle duplication with
      //multivariate beta distribution.  The between-dup
must not be so small that it
      //causes the joint distribution to be greater than
1.00.  It must not also be so large that it
      //causes the joint distribution in method mulbet to
be less than either of the two marginals.

      //The above will be ok as long as the conditional
probabilities do not exceed the minimum and
      //maximum condidtional probabilities from the
vehicles' own distribution.  That is, one use of
      //a second vehicle cannot be greater than the
duplication of adding an insertion in the same vehicle.

      //To make sure this is the case, the interior betas
(conditionals) must not have a mean
      //probability > the mean of the components or < the
mean of each of the components (conditionals).
      //The mean is alpha/(alpha + beta)--m and n below and
this is calculated for each of the two
      //components so the consistency test can be made
below.

      double margin[][] = new double[26][6];
      double qnt,qnta,qntb,qntc,mnta;
      double mnt[] = new double[26];
      double mmt[] = new double[26];
      double nnt[] = new double[26];
      int itest;



      //get margtest into two-dimensional array
      margin[1][1] = margtest[1];
      margin[1][2] = margtest[2];

      margin[2][1] = margtest[4];
      margin[2][2] = margtest[5];

      for (itest =1;itest<=2;itest++){

        margin[itest][1] = .5 * margin[itest][1] +
margin[itest][2];  //the r1
        if(margin[itest][2] -
margin[itest][1]*margin[itest][1] <= 0.0)
```

```
          margin[itest][2] =
margin[itest][1]*margin[itest][1] * 1.001;

        mnta = (margin[itest][1] -
margin[itest][2])/(margin[itest][2] -
margin[itest][1]*margin[itest][1]);
        if (mnta == 0.0)
          mnta = 10e-16;
        mmt[itest] = mnta * margin[itest][1];
        nnt[itest] = mnta - mmt[itest];
      }

      qnt = mmt[1]/(mmt[1] + nnt[1] + 1);
      qnta = (mmt[1] + 1)/(mmt[1] + nnt[1] +1);
      qntb =mmt[2]/(mmt[2] + nnt[2] +1);
      qntc = (mmt[2] +1)/(mmt[2] + nnt[2] + 1);

      if (duptest/margin[2][1] <= qnt)
        duptest = qnt * margin[2][1];

      if (duptest/margin[2][1] > qnta)
        duptest = qnta * margin[2][1];

      if (duptest/margin[1][1] <= qntb)
        duptest = qntb * margin[1][1];

      if (duptest/margin[1][1] > qntc)
        duptest = qntc * margin[1][1];


      if ((margin[1][1] - duptest)/(1 - margin[2][1]) <=
qnt)
        duptest = margin[1][1] - qnt * (1 - margin[2][1]);

      if ((margin[1][1] - duptest)/(1 - margin[2][1]) >
qnta)
        duptest = margin[1][1] - qnta * (1 - margin[2][1]);

      if ((margin[2][1] - duptest)/(1 - margin[1][1]) <=
qntb)
        duptest = margin[2][1] - qntb * (1 - margin[1][1]);

      if ((margin[2][1] - duptest)/(1 - margin[1][1]) >
qntc)
        duptest = margin[2][1] - qntc * (1 - margin[1][1]);


      //for (itest=1;itest<=2;itest++)
        //2 * (margin[itest][1] - margin[itest][2]);

      duptestresult = duptest;
      return duptestresult;
    }
```

```
    public void read_write_data() throws IOException {


      //this.jTextArea1.setText("");
      magnumstr = new String[40];

      try {
        input = new BufferedReader(new
FileReader("CS_AudienceData_Clean.dat"));

      }
      catch (IOException ex) {
        this.jLabel5.setText("Status : File Opening
Error");
      }

      //for (int i = 0; i < 25; i++) {
      for (int i = 1; i < 26; i++) {
        try {
          String temp = input.readLine();
          StringTokenizer st = new StringTokenizer(temp, "
");

          while (st.hasMoreElements()) {
            magnumstr[i] = st.nextToken();
            pmay[i] =
Double.valueOf(st.nextToken()).doubleValue() / 100.0;
            cmay[i] =
Double.valueOf(st.nextToken()).doubleValue() / 100.0;
          }
        }
        catch (IOException ex) {
          this.jLabel5.setText("Status : File Reading
Error");
        }
      }

      //for (int i = 0; i < 24; i++) {
        //for (int j = i + 1; j < 25; j++) {
      for (int i = 1; i < 25; i++) {
        for (int j = i + 1; j < 26; j++) {
          try {
            String temp = input.readLine();
            p1may[i][j] =
Double.valueOf(temp).doubleValue() / 100.0;
          }
          catch (IOException ex) {
            this.jLabel5.setText("Status : File Reading
Error#2");
          }
```

```
        }
      }

      File file2 = new File("estHBD_CS.out");

      //try {
        //output = new BufferedWriter(new
FileWriter(file2));
        PrintWriter output = new PrintWriter(new
BufferedWriter(new FileWriter(file2)));
      //}
      //catch (IOException ex) {
        //this.jLabel5.setText("Status : File Writing
error");
      //}

      try {
        input1 = new BufferedReader(new
FileReader("CS_Random_Schedules.dat"));
        input3 = new BufferedReader(new
FileReader("CS_Tabbed_Schedules.dat"));

      }
      catch (IOException ex) {
        this.jLabel5.setText("Status: File Reading error");
      }

      int addtime = 0;
      int count = 0;
      //int fromNUMS =
Integer.parseInt(this.jTextField4.getText());
      int fromNUMS = 1;
      int schednum;
      int numvehicle;
      int SCHED = 0;
      int DUM;
      double DUM2 = 0.0;
      int nv = 0;
      //int NUMS =
Integer.parseInt(this.jTextField5.getText());
      int NUMS = 560;


      String time = "00:00:00";

      while (count < NUMS) {
        try {
          String temp = input3.readLine();
          if (temp == null) {
            break;
          }
          StringTokenizer st = new StringTokenizer(temp, "
");
          schednum = Integer.parseInt(st.nextToken());
```

```
          numvehicle = Integer.parseInt(st.nextToken());

          //int i = 0;
          int i = 1;

          while (st.hasMoreElements()) {
            temp = st.nextToken();
            if (temp.compareToIgnoreCase(".") == 0) {
              act[i] = Double.valueOf("0.0").doubleValue();
            }
            else {
              act[i] = Double.valueOf(temp).doubleValue();
            }
            EXPO[i] = act[i];
            i++;
          }
        }
        catch (IOException ex) {
          this.jLabel4.setText("Status : File3 Input
error");
        }

        try {
          String temp = input1.readLine();
          StringTokenizer st = new StringTokenizer(temp, "
");
          SCHED = Integer.parseInt(st.nextToken());
          DUM = Integer.parseInt(st.nextToken());
          //nv =
Double.valueOf(st.nextToken()).doubleValue();
          nv = Integer.parseInt(st.nextToken());
          DUM2 =
Double.valueOf(st.nextToken()).doubleValue();

          //int i = 0;
          int i = 1;

          while (st.hasMoreElements()) {
            temp = st.nextToken();
            if (temp.compareToIgnoreCase(".") == 0) {
              MAGNUM[i] =
Double.valueOf("0.0").doubleValue();
            }
            else {
              MAGNUM[i] =
Double.valueOf(temp).doubleValue();
            }
            i++;
          }
        }
        catch (IOException ex) {
          this.jLabel5.setText("Status: File1 Reading
error");
        }
```

```
        totn = nv * 2;

        double d_temp;

        //for (int i = 0; i < nv - 1; i++) {
        //for (int j = i + 1; j < nv; j++) {
        for (int i = 1; i < nv; i++) {
          for (int j = i + 1; j < nv + 1; j++) {
            if (MAGNUM[i] > MAGNUM[j]) {
              d_temp = MAGNUM[i];
              MAGNUM[i] = MAGNUM[j];
              MAGNUM[j] = d_temp;
            }
            else {
              //break;
              //corrected as in HG Kim Aug 2004 finding of
wrong ordering of vehicles due to break here.
              //loop j must continue to nv regardless of
whether condition is met in j loop.
            }
          }
        }

        //for (int i = 0; i < nv; i++) {
        for (int i = 1; i < nv + 1; i++) {
          p[i] = pmay[ (int) MAGNUM[i]];
          CUME[i] = cmay[ (int) MAGNUM[i]];
          c[i] = 2 * p[i] - CUME[i];
          INSERT[i] = 2;
          N1[i] = 2;
          n[i] = 2;

          TOTAUD = TOTAUD + p[i];
        }

        //double xx = nv;

        //for (int i = 0; i < nv - 1; i++) {
        //for (int j = i + 1; j < nv; j++) {
        for (int i = 1; i < nv; i++) {
          for (int j = i + 1; j < nv + 1; j++) {
            dup2[i][j] = p1may[ (int) MAGNUM[i]][ (int)
MAGNUM[j]];
            p1[i][j] = p[i] + p[j] - dup2[i][j];
          }
        }

        //try {
          output.println("\nSchedule Number = " + SCHED );
        //}
        //catch (IOException ex1) {
          ;
        //}
        //}
```

```
        //if(count == 41)
          //output.println("now at 41");

        //now goes code to do the estimation


//SequentialAggregation.SequentialAggregation(combinedreach
,numveh,vehname,aud,cume,net,inserts);

        //good one below

SequentialAggregation.SequentialAggregation(combinedreach,
nv, magnumstr,p, CUME, p1, INSERT);

            //step 1b.  Come back to HyperBetaFrameClass to
get mulbet zero cell (combinedzero)

        //below outputs all "t" words to the textarea;
        //jTextAreaOutput.setText(t);

        EXPLEV = totn + 1;
        SUMRATE = 0;

        for (int i = 1; i < totn + 2; i++) {
          E[i] = 0;
        }

        for (int i = 1; i < EXPLEV+1; i++) {
          E[i] = expnew[i];
        }
        FINDIF = 0;

        for (int i = 1; i < totn + 2; i++) {
          DIF[i] = 0;
        }

        for (int i = 1; i < EXPLEV+1; i++) {
          DIF[i] = java.lang.Math.abs(E[i] - EXPO[i]);
          FDIF = DIF[i];
          FINDIF = FINDIF + FDIF;
        }
        OBSREACH = 1 - EXPO[1];

        ER1 = FINDIF / OBSREACH;

        for (int i = 1; i < EXPLEV+1; i++) {
          int j = i - 1;
          //try {
            output.println("\n" + j + "\t" + E[i] * 100.0 +
"\t" + EXPO[i] * 100.0);
          //}
          //catch (IOException ex1) {
            //;
          //}
```

```
        }

        DIFREACH = java.lang.Math.abs(OBSREACH - (1 -
E[1])) / OBSREACH;
        AEL = (FINDIF * 100) / (SUMIN + 1);
        AEL2 = AEL2 + AEL;

        //try {
          output.println("\n\ner=" + DIFREACH * 100 );
          output.println("\npe=" + ER1 * 100 );
        //}
        //catch (IOException ex1) {
         // ;
        //}

        REACHEND = REACHEND + DIFREACH;
        EXPEND = EXPEND + ER1;

        //ER_Table[count][1] = DIFREACH * 100;
        //PE_Table[count][1] = ER1 * 100;
        //output.println("\n\nbetdup =  " + betdup + "
avgdup=  " + avgdup + "   avgdup2=  " + avgdup2 + "\n
betzero= " + betzero + "  betzero2=  " + betzero2);

        count++;
      }

        jTextAreaOutput.append("\n\nSCHEDULES TESTED=" +
count );
        jTextAreaOutput.append("\n");
        jTextAreaOutput.append("Average Error in Reach=" +
                               (REACHEND / count) * 100 +
"%");
        //try {
          output.println("\n\nAER=" + (REACHEND / count) *
100 + "\n");
        //}
       // catch (IOException ex2) {
          //;
        //}
        jTextAreaOutput.append("\nAverage Error in
Distribution=" +
                               (EXPEND / count) * 100 +
"%\n");
        try {
          output.println("\nAPE=" + (EXPEND / count) *
100 );
          output.println("\nfor " + count + " schedules" );

          //close all files
          output.close();
          input.close();
          input1.close();
          input3.close();
```

```
        }
        catch (IOException ex2) {
          ;
        }
      //}



    }




  public void sendoutputHyperBeta(double freq[]){

      //addItem("\n");
      //for (i=0; i<=8; i++){
        //addItem("\t\tfrequency = " + freq[i]);
      //}
      //jTextAreaOutput.append(t);

    }




     //public static void addItem(String newword){

      //t = t + "\n" + newword;
    //}




     double bivariate_zero(double f1,double mt,double nt){

      //bivariate_zero is bivariate method for finding 0
out of 2 given 0 out of 1 for
      //  the other medium.

      double mnt,a,b,dumm1,dumm2;

      mnt = mt+nt;
      b = f1*(mnt+1)-mt;
      a=1-b;
      dumm1=(nt/(mnt+1))*((nt+1)/(mnt+2));
      dumm2=((nt+1)/(mnt+1))*((nt+2)/(mnt+2));
      bivariate_zeroresult = a*dumm2+b*dumm1;
```

```
      //addItem("\t\tm and n in bivariate zero=  " + mt + "
" + nt);
      //addItem("\t\tdumm1= " + String.valueOf(dumm1));
      //addItem("\t\tdumm2= " + String.valueOf(dumm2));
      //addItem("\t\tf1= " + String.valueOf(f1));
      //addItem("\t\tb= " + String.valueOf(b) + "dumm1=" +
String.valueOf(dumm1));
      //addItem("\t\tpzeroresult in pzero= " +
String.valueOf(bivariate_zeroresult));

      return(bivariate_zeroresult);

    }



  void jButtonSet1_actionPerformed(ActionEvent e) {

    numveh++;

    //get input data

    vehname[numveh] =
(String.valueOf(jTextFieldVehName.getText()));
    //addItem(vehname[numveh]);

    aud[numveh] =
(Double.valueOf(jTextFieldAud.getText())).doubleValue();

    cume[numveh] =
(Double.valueOf(jTextFieldCume.getText())).doubleValue();

    inserts[numveh] =
(Integer.valueOf(jTextFieldInserts.getText())).intValue();

  }

  void jButtonSet2_actionPerformed(ActionEvent e) {

    //get net inputs
    numveh2 ++;
    netsingle[numveh2] =
(Double.valueOf(jTextFieldNet.getText())).doubleValue();

  }

  void jTextFieldInserts_actionPerformed(ActionEvent e) {

  }

  void jTextFieldAud_actionPerformed(ActionEvent e) {
```

```
  }

  void jTextFieldVehName_actionPerformed(ActionEvent e) {

  }

  void jButtonFileInput_actionPerformed(ActionEvent e) {


    try {
      read_write_data();
    }
    catch (IOException ex) {
    }


  }




}

class HyperBetaFrameClass_jMenuFileExit_ActionAdapter
implements ActionListener {
  HyperBetaFrameClass adaptee;


HyperBetaFrameClass_jMenuFileExit_ActionAdapter(HyperBetaFr
ameClass adaptee) {
    this.adaptee = adaptee;
  }
  public void actionPerformed(ActionEvent e) {
    adaptee.jMenuFileExit_actionPerformed(e);
  }
}

class HyperBetaFrameClass_jMenuHelpAbout_ActionAdapter
implements ActionListener {
  HyperBetaFrameClass adaptee;


HyperBetaFrameClass_jMenuHelpAbout_ActionAdapter(HyperBetaF
rameClass adaptee) {
    this.adaptee = adaptee;
  }
  public void actionPerformed(ActionEvent e) {
    adaptee.jMenuHelpAbout_actionPerformed(e);
  }


}
```

```
class HyperBetaFrameClass_jButtonGo_actionAdapter
implements java.awt.event.ActionListener {
  HyperBetaFrameClass adaptee;


HyperBetaFrameClass_jButtonGo_actionAdapter(HyperBetaFrameC
lass adaptee) {
    this.adaptee = adaptee;
  }
  public void actionPerformed(ActionEvent e) {
    adaptee.jButtonGo_actionPerformed(e);
  }
}

class HyperBetaFrameClass_jButtonSet1_actionAdapter
implements java.awt.event.ActionListener {
  HyperBetaFrameClass adaptee;


HyperBetaFrameClass_jButtonSet1_actionAdapter(HyperBetaFram
eClass adaptee) {
    this.adaptee = adaptee;
  }
  public void actionPerformed(ActionEvent e) {
    adaptee.jButtonSet1_actionPerformed(e);
  }
}

class HyperBetaFrameClass_jButtonSet2_actionAdapter
implements java.awt.event.ActionListener {
  HyperBetaFrameClass adaptee;


HyperBetaFrameClass_jButtonSet2_actionAdapter(HyperBetaFram
eClass adaptee) {
    this.adaptee = adaptee;
  }
  public void actionPerformed(ActionEvent e) {
    adaptee.jButtonSet2_actionPerformed(e);
  }
}

class HyperBetaFrameClass_jTextFieldInserts_actionAdapter
implements java.awt.event.ActionListener {
  HyperBetaFrameClass adaptee;


HyperBetaFrameClass_jTextFieldInserts_actionAdapter(HyperBe
taFrameClass adaptee) {
    this.adaptee = adaptee;
  }
  public void actionPerformed(ActionEvent e) {
    adaptee.jTextFieldInserts_actionPerformed(e);
  }
```

```
}

class HyperBetaFrameClass_jTextFieldAud_actionAdapter
implements java.awt.event.ActionListener {
  HyperBetaFrameClass adaptee;


HyperBetaFrameClass_jTextFieldAud_actionAdapter(HyperBetaFr
ameClass adaptee) {
    this.adaptee = adaptee;
  }
  public void actionPerformed(ActionEvent e) {
    adaptee.jTextFieldAud_actionPerformed(e);
  }
}

class HyperBetaFrameClass_jTextFieldVehName_actionAdapter
implements java.awt.event.ActionListener {
  HyperBetaFrameClass adaptee;


HyperBetaFrameClass_jTextFieldVehName_actionAdapter(HyperBe
taFrameClass adaptee) {
    this.adaptee = adaptee;
  }
  public void actionPerformed(ActionEvent e) {
    adaptee.jTextFieldVehName_actionPerformed(e);
  }
}

class HyperBetaFrameClass_jButtonFileInput_actionAdapter
implements java.awt.event.ActionListener {
  HyperBetaFrameClass adaptee;


HyperBetaFrameClass_jButtonFileInput_actionAdapter(HyperBet
aFrameClass adaptee) {
    this.adaptee = adaptee;
  }
  public void actionPerformed(ActionEvent e) {
    adaptee.jButtonFileInput_actionPerformed(e);
  }
}
```

APPENDIX K
OBSERVED AND ESTIMATED EXPOSURE DISTRIBUTIONS

Schedule		1.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.8920	0.8902	0.8902	0.8920	0.8913	0.9309	0.8913	0.8715	0.8890	0.8913	0.0892
1.0000	0.0818	0.0858	0.0858	0.0818	0.0836	0.0210	0.0836	0.1219	0.0903	0.0835	0.0085
2.0000	0.0251	0.0252	0.0252	0.0251	0.0239	0.0390	0.0239	0.0064	0.0174	0.0240	0.0019
3.0000	0.0011	0.0011	0.0011	0.0011	0.0011	0.0006	0.0011	0.0001	0.0030	0.0011	0.0004
4.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0086	0.0001	0.0000	0.0003	0.0001	0.0000
er		0.0167	0.0167	0.0167	0.0065	0.3700	0.0065	0.1700	0.0100	0.0001	0.0000
pe		0.0390	0.0390	0.0390	0.0287	0.7300	0.0287	0.5500	0.1800	0.0018	0.0000
Schedule		2.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.9143	0.9140	0.9140	0.9143	0.9147	0.9441	0.9147	0.8948	0.9120	0.9147	0.9141
1.0000	0.0633	0.0634	0.0634	0.0633	0.0621	0.0182	0.0621	0.1008	0.0701	0.0000	0.0666
2.0000	0.0207	0.0233	0.0233	0.0207	0.0224	0.0296	0.0224	0.0043	0.0147	0.0224	0.0154
3.0000	0.0016	0.0008	0.0008	0.0016	0.0007	0.0004	0.0008	0.0001	0.0029	0.0008	0.0034
4.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0078	0.0001	0.0000	0.0004	0.0001	0.0005
er	0.0032	0.0032	0.0032	0.0032	0.0047	0.3800	0.0047	0.1700	0.0200	0.0002	0.0000
pe	0.0421	0.0421	0.0421	0.0421	0.0455	0.6700	0.0443	0.6700	0.2200	0.0022	0.0000
Schedule		3.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.4888	0.4822	0.4822	0.4888	0.4900	0.5213	0.4900	0.3355	0.4046	0.4880	0.4878
1.0000	0.0900	0.1033	0.1033	0.0900	0.0894	0.1022	0.0892	0.4213	0.3321	0.0920	0.2379
2.0000	0.4015	0.4194	0.4194	0.4015	0.3983	0.3211	0.3992	0.1984	0.1806	0.4000	0.1460
3.0000	0.0158	0.0176	0.0176	0.0158	0.0186	0.0103	0.0181	0.0415	0.0683	0.0165	0.0871
4.0000	0.0038	0.0029	0.0029	0.0038	0.0037	0.0451	0.0034	0.0033	0.0144	0.0036	0.0411
er		0.0129	0.0129	0.0129	0.0023	0.0600	0.0023	0.3000	0.1700	0.0017	0.0000
pe		0.0663	0.0663	0.0663	0.0131	0.2700	0.0113	1.1000	1.0200	0.0102	0.0000
Schedule		4.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.9138	0.9131	0.9131	0.9138	0.9136	0.9407	0.9136	0.8937	0.9104	0.9134	0.9141
1.0000	0.0622	0.0637	0.0637	0.0622	0.0627	0.0207	0.0627	0.1018	0.0718	0.0632	0.0658
2.0000	0.0235	0.0234	0.0234	0.0235	0.0228	0.0319	0.0229	0.0044	0.0147	0.0000	0.0158
3.0000	0.0005	0.0007	0.0007	0.0005	0.0007	0.0004	0.0007	0.0001	0.0028	0.0006	0.0037
4.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0063	0.0001	0.0000	0.0003	0.0001	0.0006
er		0.0083	0.0083	0.0083	0.0023	0.3400	0.0023	0.1800	0.0000	0.0000	0.0000
pe		0.0217	0.0217	0.0217	0.0174	0.6700	0.0162	0.6700	0.2200	0.0022	0.0000
Schedule		5.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.3382	0.3063	0.3063	0.3382	0.3317	0.3628	0.3317	0.2168	0.2883	0.3274	0.3224
1.0000	0.1822	0.2453	0.2453	0.1822	0.1979	0.1669	0.1980	0.4037	0.3301	0.2015	0.2969
2.0000	0.3797	0.4903	0.4903	0.3797	0.3705	0.3705	0.3700	0.2819	0.2356	0.3747	0.2136
3.0000	0.0704	0.0772	0.0772	0.0704	0.0682	0.0362	0.0683	0.0875	0.1147	0.0660	0.1218
4.0000	0.0295	0.0257	0.0257	0.0295	0.0318	0.0635	0.0319	0.0102	0.0313	0.0304	0.0453
er		0.0482	0.0482	0.0482	0.0098	0.0300	0.0098	0.1900	0.0800	0.0008	0.0000
pe		0.2784	0.2784	0.2784	0.0444	0.1400	0.0453	0.5500	0.5000	0.0050	0.0000

Schedule		6.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.7692	0.7674	0.7674	0.7692	0.7691	0.7766	0.7691	0.7175	0.7572	0.7692	0.7694
1.0000	0.1457	0.1496	0.1496	0.1457	0.1462	0.1365	0.1462	0.2484	0.1810	0.1460	0.1624
2.0000	0.0829	0.0848	0.0848	0.0829	0.0821	0.0820	0.0821	0.0322	0.0493	0.0822	0.0512
3.0000	0.0016	0.0023	0.0023	0.0016	0.0022	0.0013	0.0022	0.0019	0.0110	0.0000	0.0144
4.0000	0.0005	0.0004	0.0004	0.0005	0.0004	0.0036	0.0004	0.0000	0.0015	0.0004	0.0026
er		0.0078	0.0078	0.0078	0.0004	0.0300	0.0004	0.2300	0.0600	0.0006	0.0000
pe		0.0285	0.0285	0.0285	0.0087	0.0400	0.0087	0.6500	0.3500	0.0035	0.0000
Schedule		7.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.3797	0.3681	0.3681	0.3797	0.3863	0.4269	0.3863	0.2482	0.3078	0.3719	0.3752
1.0000	0.1364	0.1605	0.1605	0.1364	0.1361	0.1193	0.1337	0.4138	0.3470	0.1537	0.2775
2.0000	0.4277	0.4864	0.4864	0.4277	0.4070	0.3684	0.4140	0.2587	0.2274	0.4194	0.1893
3.0000	0.0398	0.0507	0.0507	0.0398	0.0511	0.0209	0.0492	0.0719	0.0962	0.0360	0.1115
4.0000	0.0164	0.0129	0.0129	0.0164	0.0196	0.0645	0.0169	0.0075	0.0216	0.0191	0.0466
er		0.0186	0.0186	0.0186	0.0106	0.0800	0.0106	0.2100	0.1200	0.0012	0.0000
pe		0.1566	0.1566	0.1566	0.0572	0.2300	0.0424	0.7900	0.7700	0.0077	0.0000
Schedule		8.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.9242	0.9239	0.9239	0.9242	0.9244	0.9444	0.9244	0.8998	0.9198	0.9242	0.9274
1.0000	0.0486	0.0488	0.0488	0.0486	0.0479	0.0197	0.0479	0.0963	0.0610	0.0482	0.0495
2.0000	0.0262	0.0275	0.0275	0.0262	0.0269	0.0293	0.0269	0.0039	0.0150	0.0269	0.0161
3.0000	0.0011	0.0008	0.0008	0.0011	0.0008	0.0004	0.0007	0.0001	0.0036	0.0007	0.0056
4.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0062	0.0001	0.0000	0.0006	0.0001	0.0014
er		0.0043	0.0043	0.0043	0.0026	0.3000	0.0026	0.2500	0.0000	0.0000	0.0000
pe		0.0254	0.0254	0.0254	0.0237	0.5000	0.0251	0.8800	0.2500	0.0025	0.0000
Schedule		9.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.9274	0.9266	0.9266	0.9274	0.9271	0.9510	0.9271	0.8987	0.9232	0.0000	0.9291
1.0000	0.0431	0.0442	0.0442	0.0431	0.0428	0.0135	0.0429	0.0973	0.0549	0.0417	0.0464
2.0000	0.0267	0.0302	0.0302	0.0267	0.0284	0.0250	0.0281	0.0039	0.0160	0.0284	0.0163
3.0000	0.0022	0.0014	0.0014	0.0022	0.0011	0.0003	0.0012	0.0001	0.0048	0.0016	0.0063
4.0000	0.0005	0.0007	0.0007	0.0005	0.0006	0.0103	0.0006	0.0000	0.0010	0.0006	0.0019
er		0.0106	0.0106	0.0106	0.0041	0.3000	0.0041	0.4500	0.1000	0.0010	0.0000
pe		0.0779	0.0779	0.0779	0.0441	0.5700	0.0372	1.1400	0.2900	0.0029	0.0000
Schedule		10.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.7627	0.7595	0.7595	0.7627	0.7617	0.7631	0.7617	0.6932	0.7517	0.7634	0.7662
1.0000	0.1364	0.1438	0.1438	0.1364	0.1382	0.1336	0.1384	0.2660	0.1705	0.1355	0.1498
2.0000	0.0933	0.1013	0.1013	0.0933	0.0919	0.0976	0.0911	0.0383	0.0572	0.0915	0.0571
3.0000	0.0033	0.0063	0.0063	0.0033	0.0053	0.0014	0.0056	0.0024	0.0173	0.0067	0.0212
4.0000	0.0044	0.0034	0.0034	0.0044	0.0029	0.0043	0.0032	0.0001	0.0034	0.0029	0.0056
er		0.0135	0.0135	0.0135	0.0042	0.0100	0.0042	0.2800	0.0300	0.0003	0.0000
pe		0.0817	0.0817	0.0817	0.0282	0.0400	0.0324	0.7900	0.3300	0.0033	0.0000

Schedule		11.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2		DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.9133	0.9138	0.9138	0.9133	0.9141	0.9419	0.9141	0.8879	0.9081	0.9151	0.9171
1.0000	0.0562	0.0548	0.0548	0.0562	0.0548	0.0176	0.0549	0.1072	0.0712	0.0000	0.0574
2.0000	0.0306	0.0306	0.0306	0.0306	0.0306	0.0310	0.0308	0.0049	0.0165	0.0301	0.0181
3.0000	0.0000	0.0007	0.0007	0.0000	0.0005	0.0004	0.0003	0.0001	0.0036	0.0009	0.0060
4.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0091	-0.0001	0.0000	0.0005	0.0001	0.0014
er		0.0061	0.0061	0.0061	0.0092	0.3500	0.0092	0.2500	0.0200	0.0002	0.0000
pe		0.0253	0.0253	0.0253	0.0219	0.5600	0.0219	0.8900	0.3300	0.0033	0.0000
Schedule		12.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.7670	0.7644	0.7644	0.7670	0.7673	0.7738	0.7673	0.7209	0.7587	0.7675	0.7677
1.0000	0.1560	0.1618	0.1618	0.1560	0.1561	0.1461	0.1561	0.2458	0.1814	0.1556	0.1675
2.0000	0.0742	0.0769	0.0769	0.0742	0.0725	0.0755	0.0724	0.0314	0.0482	0.0727	0.0498
3.0000	0.0011	0.0037	0.0037	0.0011	0.0035	0.0014	0.0036	0.0018	0.0104	0.0036	0.0129
4.0000	0.0016	0.0006	0.0006	0.0016	0.0006	0.0032	0.0006	0.0000	0.0013	0.0006	0.0021
er		0.0110	0.0110	0.0110	0.0013	0.0200	0.0013	0.2100	0.0500	0.0005	0.0000
pe		0.0518	0.0518	0.0518	0.0223	0.0400	0.0232	0.5700	0.3000	0.0030	0.0000
Schedule		13.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.9247	0.9248	0.9248	0.9247	0.9251	0.9495	0.9251	0.9171	0.9237	0.9245	0.9642
1.0000	0.0649	0.0644	0.0644	0.0649	0.0643	0.0219	0.0644	0.0802	0.0677	0.0655	0.0121
2.0000	0.0104	0.0106	0.0106	0.0104	0.0105	0.0251	0.0104	0.0026	0.0078	0.0000	0.0073
3.0000	0.0000	0.0003	0.0003	0.0000	0.0002	0.0003	0.0001	0.0000	0.0007	0.0001	0.0065
4.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0031	0.0000	0.0000	0.0000	0.0000	0.0098
er		0.0018	0.0018	0.0018	0.0053	0.3700	0.0053	0.0400	0.0500	0.0005	0.0000
pe		0.0129	0.0129	0.0129	0.0120	0.7500	0.0080	0.2500	0.0000	0.0000	0.0000
Schedule		14.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.7660	0.7642	0.7642	0.7660	0.7663	0.7716	0.7663	0.7158	0.7544	0.7662	0.7666
1.0000	0.1506	0.1534	0.1534	0.1506	0.1495	0.1442	0.1495	0.2496	0.1840	0.1496	0.1653
2.0000	0.0802	0.0842	0.0842	0.0802	0.0817	0.0795	0.0817	0.0327	0.0494	0.0817	0.0515
3.0000	0.0033	0.0023	0.0023	0.0033	0.0023	0.0014	0.0023	0.0019	0.0108	0.0023	0.0142
4.0000	0.0000	0.0002	0.0002	0.0000	0.0003	0.0034	0.0003	0.0000	0.0014	0.0003	0.0025
er		0.0075	0.0075	0.0075	0.0013	0.0100	0.0013	0.2400	0.0700	0.0007	0.0000
pe		0.0348	0.0348	0.0348	0.0167	0.0400	0.0167	0.6500	0.3000	0.0030	0.0000
Schedule		15.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.8167	0.8114	0.8114	0.8167	0.7663	0.8166	0.8138	0.7726	0.8091	0.8154	0.8157
1.0000	0.1211	0.1333	0.1333	0.1211	0.1495	0.1224	0.1276	0.2059	0.1431	0.1245	0.1331
2.0000	0.0584	0.0586	0.0586	0.0584	0.0817	0.0579	0.0543	0.0206	0.0378	0.0555	0.0390
3.0000	0.0033	0.0040	0.0040	0.0033	0.0023	0.0008	0.0035	0.0009	0.0087	0.0039	0.0105
4.0000	0.0005	0.0009	0.0009	0.0005	0.0003	0.0023	0.0008	0.0000	0.0012	0.0006	0.0018
er		0.0292	0.0292	0.0292	0.0158	0.0200	0.0158	0.2600	0.0600	0.0006	0.0000
pe		0.0739	0.0739	0.0739	0.0578	0.0600	0.0606	0.7200	0.2800	0.0028	0.0000

Schedule		16.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.9094	0.9081	0.9081	0.9094	0.8138	0.9396	0.9089	0.8943	0.9074	0.9090	0.9101
1.0000	0.0715	0.0744	0.0744	0.0715	0.1277	0.0219	0.0727	0.1013	0.0773	0.0726	0.0727
2.0000	0.0185	0.0183	0.0183	0.0185	0.0546	0.0326	0.0176	0.0043	0.0132	0.0177	0.0143
3.0000	0.0005	0.0007	0.0007	0.0005	0.0032	0.0005	0.0007	0.0001	0.0020	0.0007	0.0026
4.0000	0.0000	0.0001	0.0001	0.0000	0.0006	0.0054	0.0001	0.0000	0.0002	0.0001	0.0003
er		0.0142	0.0142	0.0142	0.0055	0.3300	0.0055	0.1700	0.0300	0.0003	0.0000
pe		0.0368	0.0368	0.0368	0.0265	0.7800	0.0265	0.4400	0.2200	0.0022	0.0000
Schedule		17.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.9574	0.9575	0.9575	0.9574	0.9089	0.9690	0.9576	0.9408	0.9539	0.9578	0.9717
1.0000	0.0245	0.0243	0.0243	0.0245	0.0727	0.0112	0.0243	0.0579	0.0346	0.0241	0.0115
2.0000	0.0180	0.0180	0.0180	0.0180	0.0176	0.0148	0.0181	0.0013	0.0088	0.0178	0.0064
3.0000	0.0000	0.0002	0.0002	0.0000	0.0007	0.0001	0.0001	0.0000	0.0023	0.0002	0.0050
4.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0049	0.0000	0.0000	0.0004	0.0000	0.0053
er		0.0028	0.0028	0.0028	0.0047	0.2200	0.0047	0.4800	0.1500	0.0015	0.0000
pe		0.0088	0.0088	0.0088	0.0070	0.5000	0.0094	1.2500	0.5000	0.0050	0.0000
Schedule		18.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.5057	0.4980	0.4980	0.5057	0.5044	0.5368	0.5044	0.3432	0.4212	0.0000	0.5032
1.0000	0.0775	0.0927	0.0927	0.0775	0.0787	0.0874	0.0789	0.4208	0.3199	0.0769	0.2277
2.0000	0.3944	0.4156	0.4156	0.3944	0.3960	0.3219	0.3951	0.1935	0.1741	0.3951	0.1399
3.0000	0.0175	0.0176	0.0176	0.0175	0.0164	0.0084	0.0169	0.0395	0.0690	0.0180	0.0859
4.0000	0.0049	0.0047	0.0047	0.0049	0.0044	0.0455	0.0047	0.0030	0.0159	0.0044	0.0433
er		0.0157	0.0157	0.0157	0.0026	0.0500	0.0026	0.3400	0.1800	0.0018	0.0000
pe		0.0742	0.0742	0.0742	0.0089	0.2700	0.0059	1.1600	1.0600	0.0106	0.0000
Schedule		19.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.9264	0.9237	0.9237	0.9264	0.9246	0.9475	0.9246	0.9115	0.9255	0.9264	0.9258
1.0000	0.0578	0.0634	0.0634	0.0578	0.0613	0.0215	0.0609	0.0855	0.0601	0.0573	0.0597
2.0000	0.0136	0.0146	0.0146	0.0136	0.0131	0.0268	0.0130	0.0030	0.0119	0.0146	0.0120
3.0000	0.0022	0.0018	0.0018	0.0022	0.0010	0.0003	0.0013	0.0000	0.0022	0.0015	0.0023
4.0000	0.0000	0.0003	0.0003	0.0000	0.0001	0.0039	0.0002	0.0000	0.0003	0.0001	0.0003
er		0.0370	0.0370	0.0370	0.0245	0.2500	0.0245	0.2600	0.0600	0.0006	0.0000
pe		0.0993	0.0993	0.0993	0.0720	0.8600	0.0652	0.5700	0.0000	0.0000	0.0000
Schedule		20.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.9400	0.9397	0.9397	0.9400	0.9399	0.9586	0.9399	0.9284	0.9381	0.9397	0.9677
1.0000	0.0464	0.0469	0.0469	0.0464	0.0467	0.0175	0.0468	0.0696	0.0518	0.0472	0.0119
2.0000	0.0136	0.0133	0.0133	0.0136	0.0132	0.0197	0.0132	0.0020	0.0087	0.0130	0.0070
3.0000	0.0000	0.0002	0.0002	0.0000	0.0002	0.0002	0.0001	0.0000	0.0013	0.0001	0.0059
4.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0040	0.0000	0.0000	0.0001	0.0000	0.0075
er		0.0044	0.0044	0.0044	0.0017	0.3100	0.0017	0.1900	0.0300	0.0003	0.0000
pe		0.0170	0.0170	0.0170	0.0150	0.6700	0.0150	0.5000	0.1700	0.0017	0.8300

Schedule		21.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.8991	0.8984	0.8984	0.8991	0.8990	0.9352	0.8990	0.8625	0.8917	0.8988	0.9006
1.0000	0.0584	0.0597	0.0597	0.0584	0.0586	0.0149	0.0586	0.1300	0.0794	0.0589	0.0663
2.0000	0.0409	0.0425	0.0425	0.0409	0.0408	0.0344	0.0409	0.0073	0.0219	0.0409	0.0226
3.0000	0.0016	0.0011	0.0011	0.0016	0.0012	0.0004	0.0012	0.0002	0.0059	0.0010	0.0082
4.0000	0.0000	0.0003	0.0003	0.0000	0.0003	0.0150	0.0003	0.0000	0.0011	0.0003	0.0022
er		0.0068	0.0068	0.0068	0.0010	0.3500	0.0010	0.3700	0.0800	0.0008	0.0000
pe		0.0359	0.0359	0.0359	0.0099	0.7000	0.0089	1.1000	0.4000	0.0040	0.4000
Schedule		22.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.4965	0.4934	0.4934	0.4965	0.4979	0.5400	0.4979	0.3452	0.4082	0.4952	0.4961
1.0000	0.0840	0.0902	0.0902	0.0840	0.0836	0.0841	0.0832	0.4206	0.3378	0.0871	0.2367
2.0000	0.4103	0.4163	0.4163	0.4103	0.4059	0.3227	0.4073	0.1922	0.1781	0.0000	0.1435
3.0000	0.0076	0.0105	0.0105	0.0076	0.0107	0.0080	0.0100	0.0390	0.0635	0.0077	0.0845
4.0000	0.0016	0.0017	0.0017	0.0016	0.0019	0.0451	0.0016	0.0030	0.0123	0.0019	0.0393
er		0.0061	0.0061	0.0061	0.0028	0.0800	0.0028	0.3100	0.1800	0.0018	0.0100
pe		0.0304	0.0304	0.0304	0.0163	0.2600	0.0123	1.1800	1.1000	0.0110	1.0600
Schedule		23.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.9154	0.9138	0.9138	0.9154	0.9146	0.9419	0.9146	0.8978	0.9130	0.9149	0.9148
1.0000	0.0633	0.0673	0.0673	0.0633	0.0656	0.0212	0.0655	0.0981	0.0706	0.0648	0.0676
2.0000	0.0207	0.0198	0.0198	0.0207	0.0189	0.0310	0.0189	0.0040	0.0137	0.0192	0.0144
3.0000	0.0005	0.0010	0.0010	0.0005	0.0008	0.0004	0.0009	0.0001	0.0024	0.0009	0.0029
4.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0055	0.0001	0.0000	0.0003	0.0001	0.0004
er		0.0191	0.0191	0.0191	0.0095	0.2700	0.0095	0.2800	0.0900	0.0009	0.0600
pe		0.0644	0.0644	0.0644	0.0532	0.7500	0.0532	0.6200	0.2500	0.0025	0.1200
Schedule		24.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.4419	0.4238	0.4238	0.4419	0.4401	0.4628	0.4401	0.2822	0.3680	0.4360	0.4353
1.0000	0.1058	0.1436	0.1436	0.1058	0.1137	0.1172	0.1133	0.4199	0.3190	0.1180	0.2485
2.0000	0.3944	0.4519	0.4519	0.3944	0.3842	0.3480	0.3854	0.2343	0.1978	0.3881	0.1633
3.0000	0.0415	0.0459	0.0459	0.0415	0.0446	0.0165	0.0442	0.0581	0.0905	0.0410	0.1023
4.0000	0.0164	0.0150	0.0150	0.0164	0.0174	0.0555	0.0170	0.0054	0.0246	0.0168	0.0506
er		0.0324	0.0324	0.0324	0.0032	0.0400	0.0032	0.2800	0.1300	0.0013	0.0100
pe		0.1811	0.1811	0.1811	0.0398	0.2100	0.0355	0.8900	0.8400	0.0084	0.8400
Schedule		25.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.4146	0.3895	0.3895	0.4146	0.4028	0.4100	0.4028	0.3004	0.3409	0.4072	0.4013
1.0000	0.1582	0.2141	0.2141	0.1582	0.1865	0.2366	0.1867	0.4215	0.3706	0.1789	0.3007
2.0000	0.4032	0.4058	0.4058	0.4032	0.3836	0.2909	0.3812	0.2218	0.2085	0.3835	0.1830
3.0000	0.0218	0.0284	0.0284	0.0218	0.0255	0.0297	0.0276	0.0519	0.0690	0.0290	0.0881
4.0000	0.0022	0.0017	0.0017	0.0022	0.0015	0.0328	0.0018	0.0045	0.0111	0.0015	0.0270
er		0.0428	0.0428	0.0428	0.0202	0.0000	0.0202	0.1900	0.1200	0.0012	0.0200
pe		0.1120	0.1120	0.1120	0.0893	0.3900	0.0969	0.8100	0.7800	0.0078	0.7600

Schedule		26.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.7523	0.7500	0.7500	0.7523	0.7527	0.7610	0.7527	0.6994	0.7398	0.7517	0.7521
1.0000	0.1566	0.1616	0.1616	0.1566	0.1567	0.1457	0.1567	0.2616	0.1934	0.1586	0.1745
2.0000	0.0884	0.0909	0.0909	0.0884	0.0866	0.0877	0.0868	0.0367	0.0534	0.0862	0.0553
3.0000	0.0022	0.0030	0.0030	0.0022	0.0034	0.0016	0.0033	0.0023	0.0119	0.0029	0.0153
4.0000	0.0005	0.0003	0.0003	0.0005	0.0005	0.0040	0.0005	0.0001	0.0016	0.0005	0.0027
er		0.0093	0.0093	0.0093	0.0016	0.0400	0.0016	0.2000	0.0400	0.0004	0.0100
pe		0.0343	0.0343	0.0343	0.0125	0.0800	0.0113	0.6400	0.3600	0.0036	0.2800
Schedule		27.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.7681	0.7664	0.7664	0.7681	0.7677	0.7754	0.7677	0.7094	0.7542	0.7674	0.7688
1.0000	0.1386	0.1424	0.1424	0.1386	0.1401	0.1297	0.1401	0.2543	0.1791	0.1405	0.1574
2.0000	0.0900	0.0928	0.0928	0.0900	0.0887	0.0894	0.0888	0.0342	0.0520	0.0888	0.0535
3.0000	0.0027	0.0026	0.0026	0.0027	0.0026	0.0013	0.0026	0.0020	0.0127	0.0024	0.0168
4.0000	0.0005	0.0008	0.0008	0.0005	0.0009	0.0041	0.0009	0.0000	0.0019	0.0009	0.0035
er		0.0073	0.0073	0.0073	0.0017	0.0200	0.0017	0.2600	0.0700	0.0007	0.0100
pe		0.0300	0.0300	0.0300	0.0142	0.0400	0.0138	0.7400	0.3900	0.0039	0.3000
Schedule		28.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.4081	0.4042	0.4042	0.4081	0.4080	0.4664	0.4080	0.3127	0.3374	0.4068	0.4065
1.0000	0.1855	0.1918	0.1918	0.1855	0.1856	0.1601	0.1855	0.4219	0.3898	0.1874	0.3069
2.0000	0.3961	0.4071	0.4071	0.3961	0.3970	0.3133	0.3975	0.2134	0.2068	0.3973	0.1810
3.0000	0.0104	0.0073	0.0073	0.0104	0.0079	0.0185	0.0077	0.0480	0.0586	0.0070	0.0824
4.0000	0.0000	0.0009	0.0009	0.0000	0.0014	0.0416	0.0013	0.0040	0.0074	0.0014	0.0232
er		0.0065	0.0065	0.0065	0.0002	0.1000	0.0002	0.1600	0.1200	0.0012	0.0100
pe		0.0361	0.0361	0.0361	0.0083	0.2700	0.0091	0.7800	0.7600	0.0076	0.7300
Schedule		29.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.4975	0.4876	0.4876	0.4975	0.4970	0.5145	0.4970	0.3379	0.4148	0.4978	0.4952
1.0000	0.0862	0.1050	0.1050	0.0862	0.0855	0.1178	0.0856	0.4212	0.3222	0.0842	0.2320
2.0000	0.3884	0.4133	0.4133	0.3884	0.3919	0.3132	0.3911	0.1969	0.1768	0.3913	0.1429
3.0000	0.0240	0.0231	0.0240	0.0240	0.0220	0.0117	0.0225	0.0409	0.0701	0.0232	0.0870
4.0000	0.0038	0.0037	0.0037	0.0038	0.0036	0.0427	0.0038	0.0032	0.0161	0.0035	0.0429
er		0.0198	0.0198	0.0198	0.0010	0.0300	0.0010	0.3200	0.1700	0.0017	0.0100
pe		0.0890	0.0890	0.0890	0.0127	0.3200	0.0096	1.0800	1.0200	0.0102	0.9800
Schedule		30.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.9149	0.9139	0.9139	0.9149	0.9146	0.9371	0.9146	0.8987	0.9128	0.9146	0.9164
1.0000	0.0655	0.0678	0.0678	0.0655	0.0664	0.0259	0.0664	0.0973	0.0717	0.0664	0.0656
2.0000	0.0191	0.0188	0.0188	0.0191	0.0181	0.0341	0.0181	0.0039	0.0132	0.0181	0.0145
3.0000	0.0005	0.0009	0.0009	0.0005	0.0009	0.0005	0.0009	0.0001	0.0022	0.0009	0.0030
4.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0025	0.0000	0.0000	0.0002	0.0000	0.0004
er		0.0121	0.0121	0.0121	0.0035	0.3000	0.0035	0.1300	0.0300	0.0003	0.0800
pe		0.0360	0.0360	0.0360	0.0270	0.6700	0.0270	0.5600	0.2200	0.0022	0.1100

Schedule		31.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.9384	0.9385	0.9385	0.9384	0.9386	0.9596	0.9386	0.9048	0.9307	0.9386	0.9395
1.0000	0.0256	0.0252	0.0252	0.0256	0.0249	0.0077	0.0249	0.0917	0.0476	0.0249	0.0355
2.0000	0.0355	0.0367	0.0367	0.0355	0.0358	0.0199	0.0358	0.0035	0.0152	0.0358	0.0147
3.0000	0.0000	0.0004	0.0004	0.0000	0.0004	0.0001	0.0004	0.0001	0.0052	0.0004	0.0072
4.0000	0.0005	0.0003	0.0003	0.0005	0.0003	0.0127	0.0003	0.0000	0.0013	0.0003	0.0031
er		0.0011	0.0011	0.0011	0.0032	0.3300	0.0032	0.5900	0.1600	0.0000	0.0200
pe		0.0367	0.0367	0.0367	0.0260	0.8300	0.0260	1.6700	0.8300	0.0083	0.6700
Schedule		32.0000								0.0000	
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.8903	0.8878	0.8878	0.8903	0.8891	0.9295	0.8891	0.8566	0.8862	0.8904	0.8914
1.0000	0.0720	0.0773	0.0773	0.0720	0.0740	0.0173	0.0740	0.1352	0.0839	0.0714	0.0761
2.0000	0.0338	0.0370	0.0370	0.0338	0.0341	0.0389	0.0338	0.0080	0.0228	0.0347	0.0235
3.0000	0.0033	0.0028	0.0028	0.0033	0.0021	0.0005	0.0024	0.0002	0.0060	0.0028	0.0074
4.0000	0.0005	0.0009	0.0009	0.0005	0.0006	0.0138	0.0008	0.0000	0.0011	0.0006	0.0016
er		0.0232	0.0232	0.0232	0.0109	0.3600	0.0109	0.3000	0.0300	0.0003	0.0000
pe		0.0863	0.0863	0.0863	0.0328	0.7300	0.0292	0.8200	0.1800	0.0018	0.1800
Schedule		33.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.5232	0.5163	0.5163	0.5232	0.5216	0.5553	0.5216	0.3967	0.4636	0.5210	0.5193
1.0000	0.1473	0.1621	0.1621	0.1473	0.1523	0.1341	0.1523	0.4126	0.3199	0.1530	0.2517
2.0000	0.3142	0.3281	0.3281	0.3142	0.3095	0.2708	0.3096	0.1609	0.1539	0.3098	0.1374
3.0000	0.0115	0.0127	0.0127	0.0115	0.0123	0.0094	0.0123	0.0279	0.0525	0.0120	0.0679
4.0000	0.0038	0.0037	0.0037	0.0038	0.0043	0.0304	0.0042	0.0018	0.0101	0.0042	0.0238
er		0.0144	0.0144	0.0144	0.0034	0.0700	0.0034	0.2600	0.1200	0.0012	0.0000
pe		0.0629	0.0629	0.0629	0.0231	0.1900	0.0227	0.9200	0.7900	0.0079	0.7500
Schedule		34.0000				0.0000	0.0000	0.0000	0.0000	0.0000	
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.9340	0.9340	0.9340	0.9340	0.9344	0.9547	0.9344	0.9243	0.9332	0.9343	0.9664
1.0000	0.0546	0.0543	0.0543	0.0546	0.0535	0.0198	0.0535	0.0735	0.0570	0.0537	0.0120
2.0000	0.0109	0.0121	0.0121	0.0109	0.0118	0.0218	0.0118	0.0022	0.0086	0.0117	0.0071
3.0000	0.0005	0.0002	0.0002	0.0005	0.0003	0.0003	0.0003	0.0000	0.0012	0.0002	0.0061
4.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0034	0.0000	0.0000	0.0001	0.0000	0.0084
er		0.0003	0.0003	2.7653	0.0061	0.3500	0.0061	0.0800	0.0500	0.0005	0.0600
pe		0.0262	0.0262	0.0262	0.0333	0.7100	0.0333	0.4300	0.0000	0.0000	0.8600
Schedule		35.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.9411	0.9405	0.9405	0.9411	0.9409	0.9586	0.9409	0.9320	0.9400	0.9409	0.9689
1.0000	0.0480	0.0494	0.0494	0.0480	0.0487	0.0190	0.0487	0.0662	0.0514	0.0487	0.0118
2.0000	0.0109	0.0104	0.0104	0.0109	0.0101	0.0192	0.0101	0.0018	0.0075	0.0101	0.0068
3.0000	0.0000	0.0002	0.0002	0.0000	0.0002	0.0002	0.0002	0.0000	0.0010	0.0002	0.0056
4.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	0.0001	0.0000	0.0069
er		0.0094	0.0094	0.0094	0.0034	0.3100	0.0034	0.1300	0.0000	0.0000	0.0200
pe		0.0372	0.0372	0.0372	0.0289	0.6700	0.0289	0.5000	0.0000	0.0000	0.8300

Schedule		36.0000				0.0000	0.0000	0.0000	0.0000	0.0000	
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.5008	0.4985	0.4985	0.5008	0.8205	0.5496	0.5006	0.3395	0.4123	0.4994	0.4982
1.0000	0.0704	0.0752	0.0752	0.0704	0.1244	0.0593	0.0719	0.4211	0.3270	0.0735	0.2302
2.0000	0.4163	0.4328	0.4328	0.4163	0.0517	0.3355	0.4145	0.1958	0.1775	0.4149	0.1417
3.0000	0.0065	0.0068	0.0068	0.0065	0.0029	0.0058	0.0064	0.0405	0.0683	0.0053	0.0867
4.0000	0.0060	0.0060	0.0060	0.0060	0.0005	0.0497	0.0066	0.0031	0.0149	0.0068	0.0432
er		0.0045	0.0045	0.0045	0.0004	0.1000	0.0004	0.3200	0.1800	0.0018	0.0000
pe		0.0434	0.0434	0.0434	0.0102	0.2800	0.0080	1.2200	1.1400	0.0114	1.1000
Schedule		37.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.8221	0.8182	0.8182	0.8221	0.8205	0.8217	0.8205	0.7812	0.8166	0.8227	0.8228
1.0000	0.1217	0.1298	0.1298	0.1217	0.1244	0.1220	0.1242	0.1989	0.1381	0.1199	0.1283
2.0000	0.0513	0.0553	0.0553	0.0513	0.0517	0.0535	0.0514	0.0190	0.0360	0.0531	0.0372
3.0000	0.0044	0.0040	0.0040	0.0044	0.0029	0.0008	0.0033	0.0008	0.0082	0.0038	0.0099
4.0000	0.0005	0.0008	0.0008	0.0005	0.0005	0.0020	0.0006	0.0000	0.0012	0.0005	0.0017
er		0.0221	0.0221	0.0221	0.0090	0.0100	0.0090	0.2200	0.0200	0.0002	0.0100
pe		0.0713	0.0713	0.0713	0.0259	0.0600	0.0214	0.6100	0.2200	0.0022	0.1700
Schedule		38.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.9258	0.9248	0.9248	0.9258	0.9252	0.9498	0.9252	0.9121	0.9236	0.9252	0.9262
1.0000	0.0573	0.0599	0.0599	0.0573	0.0592	0.0195	0.0592	0.0849	0.0638	0.0591	0.0594
2.0000	0.0169	0.0157	0.0157	0.0169	0.0153	0.0254	0.0153	0.0030	0.0108	0.0153	0.0119
3.0000	0.0000	0.0004	0.0004	0.0000	0.0004	0.0003	0.0004	0.0000	0.0017	0.0004	0.0022
4.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0049	0.0001	0.0000	0.0002	0.0000	0.0003
er		0.0136	0.0136	0.0136	0.0081	0.2800	0.0081	0.2600	0.0900	0.0009	0.0700
pe		0.0568	0.0568	0.0568	0.0526	0.7100	0.0539	0.5700	0.2900	0.0029	0.1400
Schedule		39.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4004	0.3913	0.3913	0.4004	0.3978	0.4526	0.3978	0.2970	0.3327	0.3969	0.3949
1.0000	0.1789	0.1977	0.1977	0.1789	0.1861	0.1577	0.1860	0.4213	0.3765	0.1872	0.3045
2.0000	0.3988	0.4201	0.4201	0.3988	0.3936	0.3248	0.3938	0.2240	0.2121	0.3940	0.1858
3.0000	0.0169	0.0171	0.0171	0.0169	0.0162	0.0200	0.0162	0.0530	0.0683	0.0156	0.0885
4.0000	0.0049	0.0051	0.0051	0.0049	0.0063	0.0449	0.0062	0.0047	0.0104	0.0062	0.0264
er		0.0151	0.0151	0.0151	0.0043	0.0900	0.0043	0.1700	0.1100	0.0011	0.0100
pe		0.0677	0.0677	0.0677	0.0242	0.2300	0.0235	0.7500	0.7500	0.0075	0.7200
Schedule		40.0000				0.0000	0.0000	0.0000	0.0000	0.0000	
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.9111	0.9103	0.9103	0.9111	0.9108	0.9419	0.9108	0.8816	0.9059	0.9109	0.9123
1.0000	0.0556	0.0571	0.0571	0.0556	0.0561	0.0156	0.0561	0.1128	0.0704	0.0559	0.0608
2.0000	0.0316	0.0332	0.0332	0.0316	0.0319	0.0306	0.0318	0.0054	0.0183	0.0319	0.0191
3.0000	0.0016	0.0010	0.0010	0.0016	0.0009	0.0004	0.0010	0.0001	0.0046	0.0010	0.0063
4.0000	0.0000	0.0003	0.0003	0.0000	0.0003	0.0115	0.0003	0.0000	0.0008	0.0003	0.0015
er		0.0091	0.0091	0.0091	0.0034	0.3500	0.0034	0.3200	0.0500	0.0005	0.0200
pe		0.0459	0.0459	0.0459	0.0202	0.5600	0.0180	0.8900	0.2200	0.0022	0.2200

Schedule		41.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.4228	0.4183	0.4183	0.4228	0.4202	0.4621	0.4205	0.2808	0.3379	0.4131	0.4125
1.0000	0.1064	0.1171	0.1171	0.1064	0.1173	0.1102	0.1159	0.3972	0.3393	0.1244	0.2703
2.0000	0.3983	0.3921	0.3921	0.3983	0.3863	0.3334	0.3883	0.2341	0.2030	0.3931	0.1640
3.0000	0.0496	0.0491	0.0491	0.0496	0.0503	0.0206	0.0507	0.0736	0.0867	0.0448	0.0902
4.0000	0.0224	0.0217	0.0217	0.0224	0.0246	0.0680	0.0237	0.0130	0.0269	0.0233	0.0430
5.0000	0.0000	0.0012	0.0012	0.0000	0.0010	0.0004	0.0008	0.0012	0.0056	0.0009	0.0162
6.0000	0.0005	0.0005	0.0005	0.0005	0.0003	0.0053	0.0002	0.0000	0.0006	0.0003	0.0038
er		0.0078	0.0078	0.0078	0.0045	0.0700	0.0040	0.2400	0.1400	0.0014	0.0100
pe		0.0334	0.0334	0.0334	0.0468	0.2600	0.0398	0.8400	0.8300	0.0083	0.8300
Schedule		42.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.7883	0.7877	0.7877	0.7883	0.7859	0.7875	0.7858	0.7262	0.7794	0.7892	0.7906
1.0000	0.1293	0.1312	0.1312	0.1293	0.1327	0.1259	0.1328	0.2387	0.1544	0.1264	0.1392
2.0000	0.0698	0.0677	0.0677	0.0698	0.0704	0.0795	0.0693	0.0327	0.0472	0.0713	0.0469
3.0000	0.0076	0.0093	0.0093	0.0076	0.0080	0.0020	0.0086	0.0024	0.0143	0.0100	0.0165
4.0000	0.0049	0.0038	0.0038	0.0049	0.0029	0.0049	0.0033	0.0001	0.0038	0.0029	0.0053
5.0000	0.0000	0.0003	0.0003	0.0000	0.0002	0.0000	0.0002	0.0000	0.0008	0.0002	0.0013
6.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0002	0.0001	0.0000	0.0001	0.0000	0.0002
er		0.0031	0.0031	0.0031	0.0113	0.0100	0.0118	0.3000	0.0500	0.0005	0.0000
pe		0.0339	0.0339	0.0339	0.0312	0.1000	0.0326	0.7600	0.2900	0.0029	0.1900
Schedule		43.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.6492	0.6477	0.6477	0.6492	0.6476	0.6545	0.6474	0.5709	0.6312	0.6464	0.6475
1.0000	0.1953	0.2013	0.2013	0.1953	0.2011	0.1839	0.2015	0.3355	0.2467	0.2024	0.2254
2.0000	0.1342	0.1257	0.1257	0.1342	0.1263	0.1449	0.1261	0.0821	0.0873	0.1269	0.0856
3.0000	0.0142	0.0191	0.0191	0.0142	0.0190	0.0060	0.0188	0.0107	0.0268	0.0186	0.0301
4.0000	0.0065	0.0059	0.0059	0.0065	0.0056	0.0104	0.0057	0.0008	0.0067	0.0054	0.0091
5.0000	0.0005	0.0003	0.0003	0.0005	0.0003	0.0000	0.0004	0.0000	0.0012	0.0003	0.0021
6.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0003	0.0001	0.0000	0.0001	0.0001	0.0003
er		0.0044	0.0044	0.0044	0.0046	0.0100	0.0051	0.2300	0.0500	0.0005	0.0100
pe		0.0577	0.0577	0.0577	0.0562	0.1100	0.0567	0.5700	0.3100	0.0031	0.2900
Schedule		44.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.7758	0.7774	0.7774	0.7758	0.7766	0.7789	0.7765	0.7259	0.7693	0.7782	0.7788
1.0000	0.1489	0.1459	0.1459	0.1489	0.1462	0.1396	0.1466	0.2389	0.1686	0.1430	0.1550
2.0000	0.0671	0.0663	0.0663	0.0671	0.0683	0.0760	0.0674	0.0328	0.0467	0.0691	0.0472
3.0000	0.0038	0.0078	0.0078	0.0038	0.0069	0.0017	0.0073	0.0024	0.0122	0.0078	0.0143
4.0000	0.0044	0.0024	0.0024	0.0044	0.0017	0.0037	0.0020	0.0001	0.0027	0.0017	0.0038
5.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0000	0.0001	0.0000	0.0005	0.0001	0.0008
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
er		0.0070	0.0070	0.0070	0.0036	0.0000	0.0031	0.2500	0.0500	0.0005	0.0100
pe		0.0441	0.0441	0.0441	0.0437	0.0900	0.0384	0.5900	0.2300	0.0023	0.1800

Schedule		45.0000					0.0000	0.0000	0.0000	0.0000	
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.8571	0.8565	0.8565	0.8571	0.8556	0.9271	0.8556	0.8231	0.8521	0.8569	0.8580
1.0000	0.0987	0.1013	0.1013	0.0987	0.1026	0.0174	0.1024	0.1629	0.1137	0.1000	0.1047
2.0000	0.0409	0.0373	0.0373	0.0409	0.0378	0.0177	0.0377	0.0134	0.0266	0.0386	0.0275
3.0000	0.0027	0.0040	0.0040	0.0027	0.0033	0.0267	0.0036	0.0006	0.0062	0.0039	0.0075
4.0000	0.0000	0.0009	0.0009	0.0000	0.0007	0.0038	0.0007	0.0000	0.0013	0.0007	0.0018
5.0000	0.0005	0.0001	0.0001	0.0005	0.0000	0.0003	0.0000	0.0000	0.0002	0.0000	0.0003
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0070	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0044	0.0044	0.0044	0.0105	0.4800	0.0105	0.2600	0.0600	0.0006	0.0200
pe		0.0614	0.0614	0.0614	0.0616	1.0000	0.0630	0.6400	0.2100	0.0021	0.2100
Schedule		46.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	86.7400	0.8684	0.8684	0.8674	0.8685	0.9307	0.8685	0.8547	0.8661	0.8676	0.8678
1.0000	11.1800	0.1086	0.1086	0.1118	0.1089	0.0220	0.1091	0.1360	0.1154	0.1110	0.1124
2.0000	1.9100	0.0214	0.0214	0.0191	0.0212	0.0176	0.0212	0.0090	0.0163	0.0204	0.0171
3.0000	0.1600	0.0015	0.0015	0.0016	0.0012	0.0256	0.0011	0.0003	0.0020	0.0010	0.0024
4.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0017	0.0000	0.0000	0.0002	0.0001	0.0003
5.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0022	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0078	0.0078	0.0078	0.0083	0.4700	0.0083	0.1200	0.0300	0.0003	0.0100
pe		0.0437	0.0437	0.0437	0.0415	0.9200	0.0400	0.3100	0.0000	0.0000	0.0000
Schedule		47.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.5106	0.5076	0.5076	0.5106	0.5077	0.5510	0.5074	0.3933	0.4440	0.5062	0.5053
1.0000	0.1468	0.1542	0.1542	0.1468	0.1549	0.1295	0.1546	0.3971	0.3334	0.1565	0.2647
2.0000	0.3175	0.3127	0.3127	0.3175	0.3116	0.2677	0.3130	0.1670	0.1550	0.3126	0.1344
3.0000	0.0180	0.0175	0.0175	0.0180	0.0174	0.0122	0.0170	0.0375	0.0524	0.0165	0.0621
4.0000	0.0071	0.0077	0.0077	0.0071	0.0082	0.0375	0.0074	0.0047	0.0130	0.0080	0.0246
5.0000	0.0000	0.0002	0.0002	0.0000	0.0002	0.0001	0.0004	0.0003	0.0022	0.0002	0.0076
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0020	0.0002	0.0000	0.0002	0.0001	0.0014
er		0.0060	0.0060	0.0060	0.0059	0.0800	0.0065	0.2400	0.1300	0.0013	0.0100
pe		0.0279	0.0279	0.0279	0.0325	0.2200	0.0290	0.8600	0.8000	0.0080	0.7600
Schedule		48.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4604	0.4591	0.4591	0.4604	0.4611	0.5044	0.4609	0.3260	0.3703	0.4559	0.4562
1.0000	0.1009	0.1042	0.1042	0.1009	0.1041	0.1092	0.1032	0.4018	0.3515	0.1104	0.2646
2.0000	0.4026	0.4001	0.4001	0.4026	0.3942	0.3121	0.3974	0.2063	0.1881	0.3983	0.1498
3.0000	0.0284	0.0289	0.0289	0.0284	0.0311	0.0154	0.0300	0.0565	0.0691	0.0263	0.0782
4.0000	0.0071	0.0071	0.0071	0.0071	0.0091	0.0550	0.0080	0.0087	0.0178	0.0087	0.0356
5.0000	0.0005	0.0005	0.0005	0.0005	0.0003	0.0002	0.0004	0.0007	0.0030	0.0003	0.0128
6.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0036	0.0001	0.0000	0.0003	0.0000	0.0028
er		0.0023	0.0023	0.0023	0.0013	0.0800	0.0009	0.2500	0.1700	0.0017	0.0100
pe		0.0118	0.0118	0.0118	0.0306	0.3000	0.0189	0.9800	0.9400	0.0094	0.9400

Schedule		49.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.7332	0.7314	0.7314	0.7332	0.7306	0.7310	0.7308	0.6736	0.7182	0.7302	0.7322
1.0000	0.1631	0.1676	0.1676	0.1631	0.1694	0.1685	0.1685	0.2751	0.2043	0.1699	0.1844
2.0000	0.0922	0.0902	0.0902	0.0922	0.0893	0.0926	0.0902	0.0468	0.0588	0.0894	0.0592
3.0000	0.0109	0.0090	0.0090	0.0109	0.0085	0.0028	0.0086	0.0042	0.0151	0.0083	0.0182
4.0000	0.0005	0.0018	0.0018	0.0005	0.0021	0.0048	0.0018	0.0002	0.0032	0.0021	0.0048
5.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0000	0.0001	0.0000	0.0005	0.0001	0.0010
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
er		0.0069	0.0069	0.0069	0.0097	0.0000	0.0090	0.2100	0.0400	0.0004	0.0100
pe		0.0366	0.0366	0.0366	0.0499	0.0700	0.0416	0.5900	0.2600	0.0026	0.2600
Schedule		50.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.5106	0.4930	0.4930	0.5106	0.5012	0.5177	0.5012	0.3417	0.4190	0.5081	0.4992
1.0000	0.0693	0.0857	0.0857	0.0693	0.0797	0.1109	0.0821	0.4018	0.3143	0.0696	0.2354
2.0000	0.3601	0.3626	0.3626	0.3601	0.3711	0.3028	0.3638	0.1969	0.1672	0.3662	0.1326
3.0000	0.0464	0.0422	0.0422	0.0464	0.0359	0.0142	0.0384	0.0514	0.0704	0.0440	0.0740
4.0000	0.0136	0.0161	0.0161	0.0136	0.0117	0.0510	0.0142	0.0076	0.0231	0.0116	0.0379
5.0000	0.0000	0.0004	0.0004	0.0000	0.0005	0.0002	0.0003	0.0006	0.0054	0.0005	0.0163
6.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0032	0.0000	0.0000	0.0007	0.0000	0.0046
er		0.0360	0.0360	0.0360	0.0192	0.0200	0.0192	0.3400	0.1900	0.0019	0.0200
pe		0.0531	0.0531	0.0531	0.0703	0.3500	0.0519	1.0400	0.9600	0.0096	0.9600
Schedule		51.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.8871	0.8868	0.8868	0.8871	0.8871	0.9400	0.8871	0.8563	0.8799	0.8863	0.8884
1.0000	0.0742	0.0746	0.0746	0.0742	0.0743	0.0159	0.0745	0.1346	0.0938	0.0758	0.0811
2.0000	0.0371	0.0368	0.0368	0.0371	0.0366	0.0163	0.0366	0.0088	0.0206	0.0365	0.0219
3.0000	0.0016	0.0016	0.0016	0.0016	0.0017	0.0182	0.0015	0.0003	0.0046	0.0012	0.0064
4.0000	0.0000	0.0002	0.0002	0.0000	0.0002	0.0038	0.0002	0.0000	0.0009	0.0002	0.0017
5.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0001	0.0000	0.0004
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0057	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0029	0.0029	0.0029	0.0000	0.4500	0.0000	0.3100	0.0900	0.0009	0.0100
pe		0.0084	0.0084	0.0084	0.0080	1.0000	0.9743	0.8200	0.3600	0.0036	0.2700
Schedule		52.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.8647	0.8644	0.8644	0.8647	0.8645	0.9321	0.8645	0.8458	0.8615	0.8638	0.8631
1.0000	0.1064	0.1073	0.1073	0.1064	0.1075	0.0190	0.1076	0.1437	0.1156	0.1089	0.1130
2.0000	0.0278	0.0263	0.0263	0.0278	0.0261	0.0173	0.0262	0.0102	0.0194	0.0257	0.0200
3.0000	0.0011	0.0018	0.0018	0.0011	0.0017	0.0240	0.0016	0.0004	0.0030	0.0014	0.0033
4.0000	0.0000	0.0002	0.0002	0.0000	0.0002	0.0029	0.0001	0.0000	0.0004	0.0002	0.0005
5.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0045	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0020	0.0020	0.0020	0.0015	0.5100	0.0015	0.1000	0.0100	0.0001	0.0300
pe		0.0237	0.0237	0.0237	0.0266	0.9300	0.0251	0.4300	0.1400	0.0014	0.1400

Schedule		53.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.3295	0.3228	0.3228	0.3295	0.3215	0.3677	0.3212	0.2275	0.2687	0.3156	0.3089
1.0000	0.1839	0.1988	0.1988	0.1839	0.2000	0.1674	0.2002	0.3820	0.3464	0.2047	0.3127
2.0000	0.3666	0.3606	0.3606	0.3666	0.3631	0.3420	0.3632	0.2673	0.2373	0.3682	0.2107
3.0000	0.0867	0.0803	0.0803	0.0867	0.0785	0.0437	0.0784	0.0997	0.1074	0.0764	0.1094
4.0000	0.0316	0.0361	0.0361	0.0316	0.0353	0.0722	0.0351	0.0209	0.0331	0.0337	0.0439
5.0000	0.0016	0.0013	0.0013	0.0016	0.0014	0.0010	0.0017	0.0023	0.0065	0.0012	0.0125
6.0000	0.0000	0.0001	0.0001	0.0000	0.0002	0.0059	0.0003	0.0001	0.0006	0.0002	0.0020
er		0.0100	0.0100	0.0100	0.0119	0.0600	0.0124	0.1500	0.0900	0.0009	0.0300
pe		0.0480	0.0480	0.0480	0.0476	0.1900	0.0476	0.4800	0.4600	0.0046	0.4900
Schedule		54.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.5205	0.5189	0.5189	0.5205	0.5187	0.5590	0.5187	0.4081	0.4534	0.5176	0.5175
1.0000	0.1478	0.1517	0.1517	0.1478	0.1527	0.1390	0.1520	0.3945	0.3360	0.1542	0.2624
2.0000	0.3142	0.3118	0.3118	0.3142	0.3108	0.2531	0.3119	0.1589	0.1500	0.3113	0.1302
3.0000	0.0136	0.0133	0.0133	0.0136	0.0129	0.0124	0.0129	0.0341	0.0478	0.0120	0.0589
4.0000	0.0038	0.0042	0.0042	0.0038	0.0049	0.0345	0.0042	0.0041	0.0110	0.0048	0.0229
5.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0001	0.0002	0.0003	0.0017	0.0001	0.0069
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0019	0.0000	0.0000	0.0001	0.0000	0.0012
er		0.0034	0.0034	0.0034	0.0038	0.0800	0.0038	0.2300	0.1400	0.0014	0.0100
pe		0.0147	0.0147	0.0147	0.0213	0.2100	0.0163	0.8800	0.8100	0.0081	0.7700
Schedule		55.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.8767	0.8738	0.8738	0.8767	0.8726	0.9354	0.8728	0.8254	0.8650	0.8740	0.8761
1.0000	0.0644	0.0719	0.0719	0.0644	0.0735	0.0128	0.0729	0.1609	0.0962	0.0711	0.0811
2.0000	0.0535	0.0475	0.0475	0.0535	0.0485	0.0166	0.0484	0.0131	0.0275	0.0486	0.0273
3.0000	0.0044	0.0050	0.0050	0.0044	0.0038	0.0192	0.0044	0.0006	0.0084	0.0047	0.0104
4.0000	0.0011	0.0018	0.0018	0.0011	0.0015	0.0055	0.0014	0.0000	0.0023	0.0015	0.0038
5.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0002	0.0001	0.0000	0.0005	0.0001	0.0011
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0104	0.0000	0.0000	0.0001	0.0000	0.0002
er		0.0232	0.0232	0.0232	0.0333	0.4600	0.0316	0.4600	0.1200	0.0012	0.0400
pe		0.1205	0.1205	0.1205	0.1233	1.0000	0.1135	1.1700	0.5000	0.0050	0.4200
Schedule		56.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.8663	0.8648	0.8648	0.8663	0.8637	0.9313	0.8637	0.8343	0.8613	0.8654	0.8663
1.0000	0.0938	0.0975	0.0975	0.0938	0.0990	0.0171	0.0991	0.1534	0.1074	0.0957	0.0999
2.0000	0.0349	0.0327	0.0327	0.0349	0.0337	0.0173	0.0332	0.0118	0.0244	0.0347	0.0253
3.0000	0.0049	0.0040	0.0040	0.0049	0.0030	0.0239	0.0033	0.0005	0.0056	0.0036	0.0067
4.0000	0.0000	0.0009	0.0009	0.0000	0.0006	0.0037	0.0007	0.0000	0.0011	0.0006	0.0016
5.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0002	0.0000	0.0003
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0065	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0114	0.0114	0.0114	0.0194	0.4700	0.0194	0.2700	0.0700	0.0007	0.0300
pe		0.0573	0.0573	0.0573	0.0666	0.9200	0.0696	0.6900	0.1500	0.0015	0.1500

Schedule		57.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.9018	0.9023	0.9023	0.9018	0.9031	0.9480	0.9025	0.8701	0.8957	0.9029	0.9052
1.0000	0.0606	0.0591	0.0591	0.0606	0.0584	0.0131	0.0592	0.1225	0.0789	0.0588	0.0654
2.0000	0.0366	0.0366	0.0366	0.0366	0.0366	0.0152	0.0369	0.0072	0.0191	0.0366	0.0198
3.0000	0.0005	0.0014	0.0014	0.0005	0.0015	0.0130	0.0011	0.0002	0.0049	0.0013	0.0068
4.0000	0.0005	0.0006	0.0006	0.0005	0.0004	0.0044	0.0004	0.0000	0.0011	0.0004	0.0022
5.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0002	0.0000	0.0006
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0061	0.0000	0.0000	0.0000	0.0000	0.0001
er		0.0049	0.0049	0.0049	0.0132	0.4800	0.0071	0.3000	0.0400	0.0004	0.0400
pe		0.0259	0.0259	0.0259	0.0336	0.9000	0.0244	0.9000	0.4000	0.0040	0.3000
Schedule		58.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.7807	0.7765	0.7765	0.7807	0.7762	0.7555	0.7769	0.7225	0.7704	0.7791	0.7836
1.0000	0.1375	0.1413	0.1413	0.1375	0.1455	0.1805	0.1427	0.2413	0.1646	0.1399	0.1463
2.0000	0.0682	0.0698	0.0698	0.0682	0.0679	0.0587	0.0695	0.0336	0.0478	0.0689	0.0479
3.0000	0.0120	0.0106	0.0106	0.0120	0.0082	0.0027	0.0092	0.0025	0.0134	0.0098	0.0161
4.0000	0.0016	0.0017	0.0017	0.0016	0.0021	0.0025	0.0015	0.0001	0.0032	0.0021	0.0048
5.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0000	0.0001	0.0000	0.0006	0.0001	0.0011
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0002
er		0.0193	0.0193	0.0193	0.0205	0.1100	0.0173	0.2600	0.0400	0.0004	0.0100
pe		0.0325	0.0325	0.0325	0.0579	0.2700	0.0433	0.6800	0.2300	0.0023	0.1800
Schedule		59.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.9029	0.9029	0.9029	0.9029	0.9001	0.9437	0.9001	0.8596	0.8985	0.9045	0.9063
1.0000	0.0584	0.0580	0.0580	0.0584	0.0605	0.0140	0.0608	0.1317	0.0690	0.0526	0.0588
2.0000	0.0278	0.0288	0.0288	0.0278	0.0330	0.0158	0.0310	0.0084	0.0216	0.0341	0.0210
3.0000	0.0082	0.0075	0.0075	0.0082	0.0046	0.0155	0.0059	0.0003	0.0076	0.0070	0.0088
4.0000	0.0027	0.0028	0.0028	0.0027	0.0017	0.0044	0.0022	0.0000	0.0025	0.0017	0.0036
5.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0001	0.0000	0.0000	0.0007	0.0001	0.0013
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0065	0.0000	0.0000	0.0001	0.0000	0.0003
er		0.0004	0.0004	4.3729	0.0288	0.4400	0.0288	0.4000	0.0200	0.0002	0.0600
pe		0.0239	0.0239	0.0239	0.1236	0.7000	0.0865	1.0000	0.2000	0.0020	0.1000
Schedule		60.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	0.5900	HBBD
0.0000	0.7349	0.7357	0.7357	0.7349	0.7364	0.7431	0.7364	0.6906	0.7243	0.7347	0.7353
1.0000	0.1789	0.1765	0.1765	0.1789	0.1758	0.1656	0.1759	0.2637	0.2086	0.1789	0.1923
2.0000	0.0797	0.0812	0.0812	0.0797	0.0808	0.0847	0.0809	0.0420	0.0533	0.0801	0.0547
3.0000	0.0055	0.0057	0.0057	0.0055	0.0061	0.0024	0.0059	0.0036	0.0115	0.0054	0.0142
4.0000	0.0011	0.0009	0.0009	0.0011	0.0009	0.0040	0.0009	0.0002	0.0020	0.0009	0.0030
5.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0005
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0029	0.0029	0.0029	0.0057	0.0500	0.0057	0.1500	0.0200	0.0002	0.0200
pe		0.0166	0.0166	0.0166	0.0189	0.0700	0.0181	0.4800	0.2600	0.0026	0.1900

Schedule		61.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.3824	0.3812	0.3812	0.3824	0.3815	0.4486	0.3815	0.2954	0.3151	0.3793	0.3762
1.0000	0.1860	0.1880	0.1880	0.1860	0.1880	0.1538	0.1879	0.3994	0.3781	0.1906	0.3160
2.0000	0.3890	0.3904	0.3904	0.3890	0.3894	0.3114	0.3900	0.2251	0.2152	0.3907	0.1844
3.0000	0.0311	0.0274	0.0274	0.0311	0.0277	0.0262	0.0275	0.0676	0.0736	0.0263	0.0845
4.0000	0.0109	0.0125	0.0125	0.0109	0.0129	0.0556	0.0126	0.0114	0.0158	0.0126	0.0301
5.0000	0.0005	0.0004	0.0004	0.0005	0.0004	0.0004	0.0004	0.0010	0.0020	0.0004	0.0077
6.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0040	0.0001	0.0000	0.0001	0.0001	0.0011
er		0.0019	0.0019	0.0019	0.0015	0.1100	0.0015	0.1400	0.1000	0.0010	0.0100
pe		0.0142	0.0142	0.0142	0.0130	0.2600	0.0136	0.6600	0.6500	0.0065	0.6800
Schedule		62.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.4954	0.4969	0.4969	0.4954	0.4948	0.5311	0.4946	0.3485	0.4056	0.4966	0.4927
1.0000	0.0851	0.0832	0.0832	0.0851	0.0849	0.0985	0.0852	0.4016	0.3349	0.0821	0.2459
2.0000	0.3873	0.3844	0.3844	0.3873	0.3879	0.3039	0.3870	0.1929	0.1725	0.3867	0.1363
3.0000	0.0229	0.0275	0.0275	0.0229	0.0252	0.0121	0.0256	0.0494	0.0651	0.0276	0.0728
4.0000	0.0082	0.0079	0.0079	0.0082	0.0070	0.0511	0.0073	0.0071	0.0181	0.0069	0.0351
5.0000	0.0011	0.0001	0.0001	0.0011	0.0002	0.0001	0.0003	0.0005	0.0034	0.0002	0.0138
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0032	0.0001	0.0000	0.0003	0.0000	0.0034
er		0.0029	0.0029	0.0029	0.0012	0.0600	0.0016	0.3000	0.1900	0.0019	0.0200
pe		0.0211	0.0211	0.0211	0.0103	0.3000	0.0097	1.0800	1.0200	0.0102	1.0000
Schedule		63.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.5106	0.5064	0.5064	0.5106	0.5080	0.4941	0.5082	0.3989	0.4481	0.5097	0.5075
1.0000	0.1626	0.1658	0.1658	0.1626	0.1654	0.2342	0.1652	0.3962	0.3337	0.1620	0.2665
2.0000	0.2935	0.2945	0.2945	0.2935	0.2974	0.2250	0.2955	0.1640	0.1530	0.2976	0.1337
3.0000	0.0306	0.0302	0.0302	0.0306	0.0264	0.0214	0.0283	0.0362	0.0508	0.0279	0.0606
4.0000	0.0027	0.0030	0.0030	0.0027	0.0027	0.0239	0.0027	0.0045	0.0123	0.0027	0.0235
5.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0002	0.0001	0.0003	0.0020	0.0001	0.0070
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0012	0.0000	0.0000	0.0002	0.0000	0.0012
er		0.0085	0.0085	0.0085	0.0053	0.0300	0.0049	0.2300	0.1300	0.0013	0.0100
pe		0.0103	0.0103	0.0103	0.0225	0.3500	0.0143	0.7600	0.6900	0.0069	0.6500
Schedule		64.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.8794	0.8768	0.8768	0.8794	0.8755	0.9361	0.8755	0.8456	0.8736	0.8778	0.8786
1.0000	0.0807	0.0872	0.0872	0.0807	0.0890	0.0163	0.0888	0.1438	0.0962	0.0843	0.0888
2.0000	0.0349	0.0309	0.0309	0.0349	0.0319	0.0168	0.0315	0.0102	0.0230	0.0333	0.0237
3.0000	0.0049	0.0039	0.0039	0.0049	0.0029	0.0206	0.0034	0.0004	0.0057	0.0039	0.0068
4.0000	0.0000	0.0010	0.0010	0.0000	0.0006	0.0038	0.0008	0.0000	0.0012	0.0007	0.0017
5.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0002	0.0000	0.0000	0.0002	0.0000	0.0004
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0062	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0213	0.0213	0.0213	0.0323	0.4700	0.0323	0.2900	0.0500	0.0005	0.0200
pe		0.1051	0.1051	0.1051	0.1153	0.9200	0.1144	0.7500	0.2500	0.0025	0.1700

Schedule		65.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.7196	0.7202	0.7202	0.7196	0.7206	0.7038	0.7204	0.6642	0.7068	0.7201	0.7212
1.0000	0.1773	0.1760	0.1760	0.1773	0.1750	0.2079	0.1756	0.2813	0.2135	0.1756	0.1930
2.0000	0.0933	0.0936	0.0936	0.0933	0.0945	0.0810	0.0940	0.0496	0.0610	0.0945	0.0616
3.0000	0.0076	0.0083	0.0083	0.0076	0.0083	0.0037	0.0082	0.0047	0.0152	0.0082	0.0185
4.0000	0.0022	0.0019	0.0019	0.0022	0.0016	0.0035	0.0018	0.0002	0.0031	0.0016	0.0047
5.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0000	0.0001	0.0000	0.0004	0.0001	0.0009
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
er		0.0021	0.0021	0.0021	0.0036	0.0600	0.0029	0.2000	0.0500	0.0005	0.0100
pe		0.0097	0.0097	0.0097	0.0175	0.1800	0.0125	0.5400	0.2900	0.0029	0.2100
Schedule		66.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.8680	0.8675	0.8675	0.8680	0.8677	0.9338	0.8676	0.8260	0.8592	0.8677	0.8691
1.0000	0.0807	0.0816	0.0816	0.0807	0.0811	0.0138	0.0816	0.1605	0.1049	0.0812	0.0908
2.0000	0.0475	0.0465	0.0465	0.0475	0.0473	0.0168	0.0469	0.0130	0.0268	0.0474	0.0275
3.0000	0.0027	0.0032	0.0032	0.0027	0.0030	0.0207	0.0029	0.0006	0.0071	0.0030	0.0091
4.0000	0.0011	0.0011	0.0011	0.0011	0.0008	0.0051	0.0010	0.0000	0.0017	0.0008	0.0028
5.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0003	0.0000	0.0007
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0095	0.0000	0.0000	0.0000	0.0000	0.0001
er		0.0037	0.0037	0.0037	0.0023	0.4900	0.0030	0.3400	0.0800	0.0008	0.0000
pe		0.0186	0.0186	0.0186	0.0091	1.0000	0.0136	0.9200	0.3100	0.0031	0.3100
Schedule		67.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.7338	0.7317	0.7317	0.7338	0.7316	0.7400	0.7315	0.6747	0.7167	0.7310	0.7297
1.0000	0.1593	0.1654	0.1654	0.1593	0.1658	0.1530	0.1657	0.2744	0.2073	0.1668	0.1887
2.0000	0.1004	0.0949	0.0949	0.1004	0.0944	0.0990	0.0948	0.0465	0.0583	0.0943	0.0590
3.0000	0.0055	0.0067	0.0067	0.0055	0.0067	0.0025	0.0065	0.0042	0.0144	0.0064	0.0174
4.0000	0.0011	0.0013	0.0013	0.0011	0.0015	0.0054	0.0014	0.0002	0.0029	0.0015	0.0044
5.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0001	0.0000	0.0004	0.0000	0.0008
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
er		0.0080	0.0080	0.0080	0.0083	0.0400	0.0086	0.2000	0.0500	0.0005	0.0000
pe		0.0490	0.0490	0.0490	0.0530	0.0700	0.0503	0.6300	0.3700	0.0037	0.3300
Schedule		68.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.7774	0.7762	0.7762	0.7774	0.7730	0.7707	0.7731	0.7246	0.7707	0.7780	0.7781
1.0000	0.1462	0.1504	0.1504	0.1462	0.1545	0.1546	0.1539	0.2398	0.1657	0.1444	0.1552
2.0000	0.0644	0.0601	0.0601	0.0644	0.0626	0.0688	0.0617	0.0331	0.0472	0.0657	0.0475
3.0000	0.0104	0.0104	0.0104	0.0104	0.0081	0.0022	0.0092	0.0024	0.0129	0.0102	0.0145
4.0000	0.0011	0.0025	0.0025	0.0011	0.0016	0.0035	0.0020	0.0001	0.0030	0.0017	0.0039
5.0000	0.0000	0.0003	0.0003	0.0000	0.0001	0.0000	0.0001	0.0000	0.0005	0.0001	0.0008
6.0000	0.0005	0.0000	0.0000	0.0005	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0001
er		0.0053	0.0053	0.0053	0.0198	0.0400	0.0193	0.2500	0.0400	0.0004	0.0100
pe		0.0477	0.0477	0.0477	0.0606	0.0900	0.0588	0.5900	0.1800	0.0018	0.1400

Schedule		69.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.8833	0.8830	0.8830	0.8833	0.8832	0.9393	0.8832	0.8672	0.8802	0.8823	0.8834
1.0000	0.0933	0.0937	0.0937	0.0933	0.0938	0.0189	0.0939	0.1250	0.1016	0.0955	0.0963
2.0000	0.0229	0.0221	0.0221	0.0229	0.0219	0.0164	0.0219	0.0075	0.0156	0.0213	0.0169
3.0000	0.0005	0.0012	0.0012	0.0005	0.0011	0.0194	0.0009	0.0002	0.0022	0.0008	0.0029
4.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0025	0.0001	0.0000	0.0003	0.0001	0.0004
5.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0033	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0026	0.0026	0.0026	0.0009	0.4900	0.0009	0.1100	0.0000	0.0000	0.0200
pe		0.0172	0.0172	0.0172	0.0189	0.9200	0.0180	0.4200	0.1700	0.0017	0.0800
Schedule		70.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.7420	0.7415	0.7415	0.7420	0.7410	0.7454	0.7410	0.6823	0.7266	0.7411	0.7422
1.0000	0.1544	0.1568	0.1568	0.1544	0.1577	0.1517	0.1574	0.2693	0.1987	0.1573	0.1766
2.0000	0.0971	0.0932	0.0932	0.0971	0.0932	0.0954	0.0934	0.0443	0.0566	0.0934	0.0571
3.0000	0.0049	0.0067	0.0067	0.0049	0.0063	0.0023	0.0064	0.0039	0.0145	0.0064	0.0180
4.0000	0.0011	0.0017	0.0017	0.0011	0.0017	0.0050	0.0016	0.0002	0.0031	0.0017	0.0049
5.0000	0.0005	0.0000	0.0000	0.0005	0.0001	0.0000	0.0001	0.0000	0.0005	0.0001	0.0010
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
er		0.0020	0.0020	0.0020	0.0039	0.0200	0.0039	0.2200	0.0500	0.0005	0.0100
pe		0.0355	0.0355	0.0355	0.0372	0.0400	0.0353	0.6500	0.3500	0.0035	0.3100
Schedule		71.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.7349	0.7341	0.7341	0.7349	0.7343	0.7404	0.7342	0.6786	0.7219	0.7337	0.7350
1.0000	0.1664	0.1682	0.1682	0.1664	0.1679	0.1569	0.1681	0.2718	0.2028	0.1687	0.1841
2.0000	0.0895	0.0879	0.0879	0.0895	0.0879	0.0950	0.0879	0.0453	0.0574	0.0880	0.0580
3.0000	0.0071	0.0077	0.0077	0.0071	0.0078	0.0025	0.0077	0.0040	0.0145	0.0075	0.0174
4.0000	0.0022	0.0020	0.0020	0.0022	0.0020	0.0050	0.0020	0.0002	0.0030	0.0019	0.0045
5.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0000	0.0001	0.0000	0.0004	0.0001	0.0009
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
er		0.0029	0.0029	0.0029	0.0023	0.0400	0.0026	0.1900	0.0300	0.0003	0.0200
pe		0.0161	0.0161	0.0161	0.0155	0.0700	0.0158	0.5600	0.3000	0.0030	0.2200
Schedule		72.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.8494	0.8504	0.8504	0.8494	0.8501	0.9272	0.8501	0.8171	0.8455	0.8506	0.8512
1.0000	0.1086	0.1056	0.1056	0.1086	0.1061	0.0162	0.1060	0.1678	0.1196	0.1050	0.1109
2.0000	0.0371	0.0397	0.0397	0.0371	0.0400	0.0176	0.0399	0.0144	0.0274	0.0403	0.0284
3.0000	0.0038	0.0035	0.0035	0.0038	0.0032	0.0260	0.0033	0.0007	0.0062	0.0034	0.0074
4.0000	0.0011	0.0007	0.0007	0.0011	0.0006	0.0043	0.0007	0.0000	0.0012	0.0006	0.0017
5.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0002	0.0000	0.0003
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0084	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0069	0.0069	0.0069	0.0046	0.5100	0.0046	0.2200	0.0300	0.0003	0.0000
pe		0.0415	0.0415	0.0415	0.0432	1.0000	0.0418	0.6000	0.1300	0.0013	0.1300

Schedule		73.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.4768	0.4750	0.4750	0.4768	0.4751	0.5239	0.4751	0.3307	0.3853	0.4731	0.4712
1.0000	0.0873	0.0899	0.0899	0.0873	0.0905	0.0842	0.0899	0.4019	0.3400	0.0924	0.2538
2.0000	0.3955	0.3976	0.3976	0.3955	0.3963	0.3187	0.3972	0.2035	0.1815	0.3983	0.1436
3.0000	0.0295	0.0253	0.0253	0.0295	0.0250	0.0115	0.0253	0.0550	0.0697	0.0236	0.0770
4.0000	0.0109	0.0118	0.0118	0.0109	0.0126	0.0577	0.0120	0.0083	0.0195	0.0122	0.0368
5.0000	0.0000	0.0004	0.0004	0.0000	0.0003	0.0001	0.0003	0.0007	0.0037	0.0003	0.0142
6.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0038	0.0001	0.0000	0.0004	0.0001	0.0035
er		0.0035	0.0035	0.0035	0.0032	0.0800	0.0032	0.2900	0.1800	0.0018	0.0200
pe		0.0197	0.0197	0.0197	0.0203	0.2900	0.0191	1.0400	0.9800	0.0098	0.9800
Schedule		74.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.3388	0.3365	0.3365	0.3388	0.3333	0.3774	0.3335	0.2341	0.2826	0.3311	0.3239
1.0000	0.1860	0.1954	0.1954	0.1860	0.1962	0.1640	0.1968	0.3846	0.3416	0.1949	0.3065
2.0000	0.3633	0.3516	0.3516	0.3633	0.3592	0.3400	0.3562	0.2633	0.2293	0.3639	0.2030
3.0000	0.0742	0.0774	0.0774	0.0742	0.0746	0.0410	0.0757	0.0961	0.1050	0.0756	0.1067
4.0000	0.0349	0.0374	0.0374	0.0349	0.0344	0.0709	0.0356	0.0197	0.0337	0.0327	0.0443
5.0000	0.0016	0.0015	0.0015	0.0016	0.0017	0.0009	0.0016	0.0022	0.0071	0.0015	0.0133
6.0000	0.0011	0.0004	0.0004	0.0011	0.0005	0.0058	0.0005	0.0001	0.0007	0.0004	0.0022
er		0.0036	0.0036	0.0036	0.0083	0.0600	0.0080	0.1600	0.0900	0.0009	0.0200
pe		0.0418	0.0418	0.0418	0.0240	0.1800	0.0313	0.5200	0.5000	0.0050	0.5200
Schedule		75.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.3846	0.3836	0.3836	0.3846	0.3822	0.4461	0.3824	0.2900	0.3198	0.3822	0.3775
1.0000	0.1833	0.1843	0.1843	0.1833	0.1853	0.1496	0.1850	0.3987	0.3672	0.1843	0.3100
2.0000	0.3792	0.3812	0.3812	0.3792	0.3839	0.3154	0.3829	0.2284	0.2129	0.3847	0.1832
3.0000	0.0349	0.0326	0.0326	0.0349	0.0308	0.0264	0.0319	0.0698	0.0782	0.0315	0.0867
4.0000	0.0180	0.0176	0.0176	0.0180	0.0170	0.0578	0.0170	0.0120	0.0189	0.0166	0.0325
5.0000	0.0000	0.0006	0.0006	0.0000	0.0006	0.0004	0.0006	0.0011	0.0028	0.0006	0.0088
6.0000	0.0000	0.0001	0.0001	0.0000	0.0002	0.0042	0.0002	0.0000	0.0002	0.0002	0.0013
er		0.0016	0.0016	0.0016	0.0039	0.1100	0.0036	0.1500	0.1000	0.0010	0.0000
pe		0.0106	0.0106	0.0106	0.0205	0.2400	0.0166	0.6600	0.6300	0.0063	0.6500
Schedule		76.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.8827	0.8810	0.8810	0.8827	0.8803	0.9381	0.8803	0.8547	0.8777	0.8815	0.8825
1.0000	0.0824	0.0868	0.0868	0.0824	0.0878	0.0168	0.0877	0.1360	0.0961	0.0853	0.0888
2.0000	0.0322	0.0289	0.0289	0.0322	0.0294	0.0165	0.0292	0.0090	0.0207	0.0302	0.0216
3.0000	0.0027	0.0027	0.0027	0.0027	0.0021	0.0196	0.0024	0.0003	0.0045	0.0026	0.0055
4.0000	0.0000	0.0006	0.0006	0.0000	0.0004	0.0035	0.0004	0.0000	0.0009	0.0004	0.0013
5.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0001	0.0000	0.0002
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0052	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0142	0.0142	0.0142	0.0205	0.4800	0.0205	0.2100	0.0200	0.0002	0.0100
pe		0.0715	0.0715	0.0715	0.0784	0.9200	0.0767	0.6700	0.1700	0.0017	0.1700

Schedule		77.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.4637	0.4613	0.4613	0.4637	0.4604	0.4937	0.4595	0.3188	0.3749	0.4580	0.4556
1.0000	0.0966	0.1018	0.1018	0.0966	0.1045	0.1160	0.1044	0.4015	0.3394	0.1068	0.2598
2.0000	0.3873	0.3851	0.3851	0.3873	0.3828	0.3135	0.3864	0.2107	0.1862	0.3849	0.1491
3.0000	0.0398	0.0388	0.0388	0.0398	0.0390	0.0171	0.0366	0.0590	0.0737	0.0375	0.0799
4.0000	0.0125	0.0123	0.0123	0.0125	0.0126	0.0558	0.0116	0.0093	0.0213	0.0122	0.0378
5.0000	0.0000	0.0006	0.0006	0.0000	0.0006	0.0002	0.0012	0.0008	0.0041	0.0005	0.0143
6.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0037	0.0003	0.0000	0.0004	0.0001	0.0034
er		0.0044	0.0044	0.0044	0.0062	0.0600	0.0078	0.2600	0.1600	0.0016	0.0100
pe		0.0172	0.0172	0.0172	0.0261	0.3000	0.0267	0.9300	0.8900	0.0089	0.8900
Schedule		78.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.5019	0.5019	0.5019	0.5019	0.5001	0.5354	0.5007	0.3792	0.4420	0.5010	0.4979
1.0000	0.1566	0.1559	0.1559	0.1566	0.1574	0.1359	0.1569	0.3991	0.3226	0.1551	0.2621
2.0000	0.3001	0.3006	0.3006	0.3001	0.3040	0.2730	0.3024	0.1750	0.1572	0.3046	0.1367
3.0000	0.0273	0.0279	0.0279	0.0273	0.0255	0.0140	0.0270	0.0409	0.0583	0.0268	0.0655
4.0000	0.0142	0.0133	0.0133	0.0142	0.0124	0.0394	0.0128	0.0054	0.0164	0.0120	0.0272
5.0000	0.0000	0.0003	0.0003	0.0000	0.0005	0.0001	0.0003	0.0004	0.0032	0.0004	0.0088
6.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0022	0.0000	0.0000	0.0003	0.0001	0.0017
er		0.0001	0.0001	5.8514	0.0036	0.0700	0.0024	0.2400	0.1200	0.0012	0.0000
pe		0.0060	0.0060	0.0060	0.0179	0.1800	0.0092	0.7800	0.6800	0.0068	0.6600
Schedule		79.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.8696	0.8693	0.8693	0.8696	0.8694	0.9339	0.8693	0.8447	0.8649	0.8688	0.8700
1.0000	0.0966	0.0968	0.0968	0.0966	0.0970	0.0175	0.0973	0.1446	0.1092	0.0981	0.1013
2.0000	0.0316	0.0312	0.0312	0.0316	0.0315	0.0171	0.0313	0.0103	0.0212	0.0312	0.0226
3.0000	0.0022	0.0023	0.0023	0.0022	0.0019	0.0224	0.0018	0.0004	0.0040	0.0016	0.0051
4.0000	0.0000	0.0004	0.0004	0.0000	0.0002	0.0034	0.0003	0.0000	0.0006	0.0002	0.0010
5.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0001	0.0000	0.0001
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0055	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0023	0.0023	0.0023	0.0015	0.4900	0.0023	0.1900	0.0400	0.0004	0.0000
pe		0.0078	0.0078	0.0078	0.0077	0.9200	0.0130	0.5400	0.1500	0.0015	0.1500
Schedule		80.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.8522	0.8510	0.8510	0.8522	0.8495	0.8441	0.8497	0.8039	0.8433	0.8510	0.8541
1.0000	0.0895	0.0926	0.0926	0.0895	0.0952	0.1023	0.0942	0.1787	0.1138	0.0924	0.0988
2.0000	0.0518	0.0491	0.0491	0.0518	0.0491	0.0507	0.0496	0.0166	0.0312	0.0495	0.0315
3.0000	0.0049	0.0057	0.0057	0.0049	0.0047	0.0007	0.0051	0.0008	0.0089	0.0057	0.0110
4.0000	0.0016	0.0014	0.0014	0.0016	0.0014	0.0021	0.0013	0.0000	0.0022	0.0014	0.0036
5.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0000	0.0001	0.0000	0.0004	0.0001	0.0009
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001
er		0.0079	0.0079	0.0079	0.0183	0.0400	0.0169	0.3100	0.0400	0.0004	0.0200
pe		0.0461	0.0461	0.0461	0.0602	0.1300	0.0507	0.8700	0.2700	0.0027	0.2700

Schedule		81.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.8696	0.8687	0.8687	0.8696	0.8689	0.8603	0.8677	0.8336	0.8639	0.8701	0.8732
1.0000	0.0851	0.0867	0.0867	0.0851	0.0883	0.1024	0.0886	0.1535	0.1030	0.0859	0.0897
2.0000	0.0409	0.0399	0.0399	0.0409	0.0384	0.0355	0.0401	0.0124	0.0248	0.0388	0.0255
3.0000	0.0044	0.0040	0.0040	0.0044	0.0037	0.0005	0.0031	0.0006	0.0064	0.0043	0.0081
4.0000	0.0000	0.0006	0.0006	0.0000	0.0008	0.0012	0.0004	0.0000	0.0016	0.0008	0.0025
5.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0003	0.0001	0.0007
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0066	0.0066	0.0066	0.0054	0.0700	0.0146	0.2800	0.0500	0.0005	0.0200
pe		0.0285	0.0285	0.0285	0.0560	0.2300	0.0460	0.7700	0.3100	0.0031	0.2300
Schedule		82.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.4834	0.4774	0.4774	0.4834	0.4787	0.4975	0.4789	0.3750	0.4200	0.4778	0.4750
1.0000	0.1686	0.1768	0.1768	0.1686	0.1781	0.1896	0.1776	0.3913	0.3390	0.1780	0.2811
2.0000	0.2984	0.2941	0.2941	0.2984	0.2953	0.2509	0.2947	0.1786	0.1634	0.2966	0.1424
3.0000	0.0420	0.0426	0.0426	0.0420	0.0390	0.0226	0.0400	0.0466	0.0578	0.0390	0.0642
4.0000	0.0071	0.0085	0.0085	0.0071	0.0082	0.0360	0.0081	0.0076	0.0158	0.0079	0.0256
5.0000	0.0000	0.0005	0.0005	0.0000	0.0006	0.0004	0.0006	0.0008	0.0034	0.0006	0.0087
6.0000	0.0005	0.0001	0.0001	0.0005	0.0001	0.0029	0.0001	0.0001	0.0005	0.0001	0.0024
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0005
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
er		0.0116	0.0116	0.0116	0.0091	0.0300	0.0087	0.2000	0.1200	0.0012	0.0100
pe		0.0300	0.0300	0.0300	0.0343	0.2300	0.0323	0.6700	0.6500	0.0065	0.6200
Schedule		83.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.8707	0.8713	0.8713	0.8707	0.8744	0.8693	0.8708	0.8298	0.8678	0.8766	0.8749
1.0000	0.0786	0.0776	0.0776	0.0786	0.0753	0.0836	0.0785	0.1566	0.0951	0.0715	0.0856
2.0000	0.0475	0.0463	0.0463	0.0475	0.0443	0.0435	0.0470	0.0129	0.0261	0.0447	0.0261
3.0000	0.0022	0.0038	0.0038	0.0022	0.0043	0.0009	0.0031	0.0006	0.0079	0.0055	0.0091
4.0000	0.0011	0.0009	0.0009	0.0011	0.0015	0.0026	0.0006	0.0000	0.0023	0.0015	0.0031
5.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0006	0.0001	0.0010
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0003
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0044	0.0044	0.0044	0.0286	0.0100	0.0008	0.3100	0.0200	0.0002	0.0400
pe		0.0313	0.0313	0.0313	0.0704	0.0800	0.0155	0.9200	0.3800	0.0038	0.3100

Schedule		84.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4375	0.4283	0.4283	0.4375	0.4226	0.4410	0.4236	0.2945	0.3743	0.4245	0.4214
1.0000	0.1566	0.1782	0.1782	0.1566	0.1813	0.1612	0.1816	0.3890	0.3129	0.1738	0.2720
2.0000	0.2853	0.2702	0.2702	0.2853	0.2856	0.3008	0.2796	0.2248	0.1814	0.2884	0.1579
3.0000	0.0807	0.0779	0.0779	0.0807	0.0696	0.0311	0.0725	0.0742	0.0848	0.0745	0.0838
4.0000	0.0366	0.0427	0.0427	0.0366	0.0370	0.0587	0.0393	0.0153	0.0329	0.0355	0.0402
5.0000	0.0022	0.0022	0.0022	0.0022	0.0030	0.0009	0.0028	0.0020	0.0105	0.0027	0.0170
6.0000	0.0005	0.0005	0.0005	0.0005	0.0008	0.0060	0.0007	0.0002	0.0026	0.0006	0.0060
7.0000	0.0005	0.0001	0.0001	0.0005	0.0000	0.0000	0.0000	0.0000	0.0005	0.0000	0.0016
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0002
er		0.0164	0.0164	0.0164	0.0265	0.0000	0.0247	0.2600	0.1200	0.0012	0.0300
pe		0.0820	0.0820	0.0820	0.0677	0.1800	0.0763	0.5700	0.4800	0.0048	0.4800
Schedule		85.0000			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3693	0.3654	0.3654	0.3693	0.3644	0.4249	0.3644	0.2912	0.3001	0.3609	0.3540
1.0000	0.1877	0.1983	0.1983	0.1877	0.2000	0.1806	0.1999	0.3884	0.3796	0.2037	0.3284
2.0000	0.3835	0.3757	0.3757	0.3835	0.3763	0.2965	0.3766	0.2267	0.2216	0.3786	0.1916
3.0000	0.0502	0.0487	0.0487	0.0502	0.0473	0.0354	0.0473	0.0756	0.0778	0.0455	0.0852
4.0000	0.0087	0.0111	0.0111	0.0087	0.0110	0.0557	0.0108	0.0158	0.0179	0.0104	0.0302
5.0000	0.0000	0.0006	0.0006	0.0000	0.0008	0.0010	0.0009	0.0021	0.0028	0.0007	0.0085
6.0000	0.0005	0.0001	0.0001	0.0005	0.0001	0.0056	0.0001	0.0002	0.0003	0.0001	0.0018
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0062	0.0062	0.0062	0.0078	0.0900	0.0000	0.1300	0.1100	0.0011	0.0300
pe		0.0370	0.0370	0.0370	0.0411	0.2500	0.0000	0.6200	0.6200	0.0062	0.6300
Schedule		86.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3481	0.3463	0.3463	0.3481	0.3555	0.4192	0.3549	0.2492	0.2695	0.3346	0.3364
1.0000	0.1446	0.1475	0.1475	0.1446	0.1466	0.1227	0.1427	0.3781	0.3608	0.1709	0.3058
2.0000	0.4201	0.4177	0.4177	0.4201	0.3939	0.3354	0.4039	0.2511	0.2365	0.4108	0.1941
3.0000	0.0606	0.0652	0.0652	0.0606	0.0715	0.0311	0.0705	0.0953	0.0984	0.0539	0.1000
4.0000	0.0245	0.0197	0.0197	0.0245	0.0310	0.0804	0.0262	0.0226	0.0282	0.0280	0.0431
5.0000	0.0022	0.0026	0.0026	0.0022	0.0015	0.0012	0.0016	0.0034	0.0057	0.0014	0.0153
6.0000	0.0000	0.0010	0.0010	0.0000	0.0001	0.0096	0.0002	0.0003	0.0008	0.0004	0.0043
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0009
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000	0.0000	0.0000	0.0001
er		0.0028	0.0028	0.0028	0.0114	0.1100	0.0078	0.1600	0.1200	0.0012	0.0200
pe		0.0247	0.0247	0.0247	0.0712	0.3100	0.0403	0.6800	0.6800	0.0068	0.7100

Schedule		87.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4392	0.4307	0.4307	0.4392	0.4308	0.4663	0.4308	0.3188	0.3743	0.4250	0.4230
1.0000	0.1648	0.1816	0.1816	0.1648	0.1841	0.1572	0.1827	0.3918	0.3345	0.1896	0.2885
2.0000	0.3126	0.3050	0.3050	0.3126	0.3035	0.2916	0.3054	0.2107	0.1836	0.3079	0.1605
3.0000	0.0606	0.0573	0.0573	0.0606	0.0551	0.0261	0.0557	0.0647	0.0755	0.0526	0.0781
4.0000	0.0207	0.0230	0.0230	0.0207	0.0241	0.0530	0.0229	0.0124	0.0244	0.0227	0.0333
5.0000	0.0022	0.0018	0.0018	0.0022	0.0020	0.0006	0.0020	0.0015	0.0062	0.0017	0.0121
6.0000	0.0000	0.0005	0.0005	0.0000	0.0005	0.0050	0.0005	0.0001	0.0012	0.0004	0.0036
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0008
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0001
er		0.0152	0.0152	0.0152	0.0150	0.0500	0.0104	0.2200	0.1200	0.0012	0.0300
pe		0.0551	0.0551	0.0551	0.0678	0.1800	0.0468	0.6100	0.5500	0.0055	0.5700
Schedule		88.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.8205	0.8209	0.8209	0.8205	0.8197	0.8196	0.8197	0.7922	0.8174	0.8206	0.8201
1.0000	0.1364	0.1348	0.1348	0.1364	0.1374	0.1354	0.1370	0.1873	0.1447	0.1352	0.1404
2.0000	0.0371	0.0381	0.0381	0.0371	0.0380	0.0423	0.0380	0.0194	0.0305	0.0388	0.0311
3.0000	0.0049	0.0052	0.0052	0.0049	0.0043	0.0011	0.0045	0.0011	0.0062	0.0046	0.0068
4.0000	0.0011	0.0009	0.0009	0.0011	0.0006	0.0015	0.0007	0.0000	0.0011	0.0007	0.0013
5.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0002
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0025	0.0025	0.0025	0.0045	0.0000	0.0045	0.1500	0.0100	0.0001	0.0000
pe		0.0180	0.0180	0.0180	0.0167	0.0600	0.0128	0.3900	0.1100	0.0011	0.0600
Schedule		89.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4714	0.4712	0.4712	0.4714	0.4708	0.5052	0.4710	0.3603	0.4107	0.4678	0.4655
1.0000	0.1675	0.1705	0.1705	0.1675	0.1712	0.1557	0.1709	0.3923	0.3355	0.1744	0.2796
2.0000	0.3110	0.3042	0.3042	0.3110	0.3046	0.2709	0.3044	0.1869	0.1678	0.3065	0.1455
3.0000	0.0355	0.0379	0.0379	0.0355	0.0372	0.0203	0.0376	0.0509	0.0627	0.0357	0.0678
4.0000	0.0109	0.0148	0.0148	0.0109	0.0148	0.0437	0.0149	0.0087	0.0184	0.0144	0.0280
5.0000	0.0038	0.0010	0.0010	0.0038	0.0011	0.0004	0.0011	0.0009	0.0042	0.0011	0.0100
6.0000	0.0000	0.0002	0.0002	0.0000	0.0002	0.0037	0.0002	0.0001	0.0007	0.0002	0.0029
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0006
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
er		0.0003	0.0003	2.8428	0.0011	0.0700	0.0008	0.2100	0.1100	0.0011	0.0100
pe		0.0361	0.0361	0.0361	0.0352	0.2100	0.0359	0.7000	0.6600	0.0066	0.6400

Schedule		90.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.7785	0.7780	0.7780	0.7785	0.7784	0.7824	0.7782	0.7382	0.7691	0.7776	0.7773
1.0000	0.1511	0.1526	0.1526	0.1511	0.1523	0.1456	0.1525	0.2283	0.1777	0.1536	0.1655
2.0000	0.0649	0.0635	0.0635	0.0649	0.0633	0.0672	0.0635	0.0309	0.0420	0.0631	0.0431
3.0000	0.0049	0.0051	0.0051	0.0049	0.0051	0.0017	0.0050	0.0024	0.0091	0.0049	0.0109
4.0000	0.0005	0.0008	0.0008	0.0005	0.0008	0.0030	0.0008	0.0001	0.0018	0.0008	0.0025
5.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0005
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0024	0.0024	0.0024	0.0005	0.0100	0.0014	0.1900	0.0500	0.0005	0.0100
pe		0.0158	0.0158	0.0158	0.0149	0.0500	0.0144	0.5000	0.2300	0.0023	0.1800
Schedule		91.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4512	0.4511	0.4511	0.4512	0.4538	0.4899	0.4527	0.3175	0.3659	0.4506	0.4482
1.0000	0.1069	0.1073	0.1073	0.1069	0.1028	0.1173	0.1064	0.3917	0.3417	0.1058	0.2652
2.0000	0.3873	0.3806	0.3806	0.3873	0.3849	0.3066	0.3839	0.2114	0.1876	0.3877	0.1487
3.0000	0.0327	0.0380	0.0380	0.0327	0.0394	0.0195	0.0354	0.0652	0.0751	0.0375	0.0778
4.0000	0.0202	0.0213	0.0213	0.0202	0.0177	0.0601	0.0202	0.0126	0.0231	0.0171	0.0372
5.0000	0.0016	0.0013	0.0013	0.0016	0.0011	0.0005	0.0013	0.0016	0.0055	0.0011	0.0157
6.0000	0.0000	0.0002	0.0002	0.0000	0.0002	0.0059	0.0002	0.0001	0.0010	0.0002	0.0056
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0015
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0002
er		0.0001	0.0001	9.7663	0.0047	0.0700	0.0027	0.2400	0.1500	0.0015	0.0000
pe		0.0257	0.0257	0.0257	0.0299	0.2700	0.0129	0.9100	0.8500	0.0085	0.8700
Schedule		92.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2133	0.2029	0.2029	0.2133	0.2058	0.2660	0.2039	0.1217	0.1514	0.1832	0.1801
1.0000	0.1331	0.1559	0.1559	0.1331	0.1591	0.1071	0.1573	0.2933	0.2859	0.1779	0.2763
2.0000	0.3895	0.3742	0.3742	0.3895	0.3669	0.3796	0.3758	0.3091	0.2756	0.3874	0.2486
3.0000	0.1358	0.1320	0.1320	0.1358	0.1289	0.0680	0.1279	0.1862	0.1750	0.1200	0.1639
4.0000	0.1118	0.1222	0.1222	0.1118	0.1268	0.1461	0.1205	0.0701	0.0792	0.1213	0.0843
5.0000	0.0147	0.0096	0.0096	0.0147	0.0096	0.0062	0.0109	0.0169	0.0260	0.0077	0.0340
6.0000	0.0005	0.0029	0.0029	0.0005	0.0029	0.0251	0.0034	0.0025	0.0060	0.0024	0.0104
7.0000	0.0011	0.0002	0.0002	0.0011	0.0001	0.0001	0.0002	0.0002	0.0009	0.0001	0.0022
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0018	0.0001	0.0000	0.0001	0.0000	0.0002
er		0.0132	0.0132	0.0132	0.0095	0.0700	0.0119	0.1100	0.0700	0.0007	0.0400
pe		0.0771	0.0771	0.0771	0.1004	0.2200	0.0791	0.4300	0.4400	0.0044	0.4700

Schedule		93.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.7305	0.7298	0.7298	0.7305	0.7290	0.7280	0.7279	0.6676	0.7199	0.7323	0.7332
1.0000	0.1658	0.1682	0.1682	0.1658	0.1685	0.1654	0.1702	0.2767	0.1968	0.1621	0.1790
2.0000	0.0878	0.0846	0.0846	0.0878	0.0878	0.0974	0.0865	0.0502	0.0599	0.0890	0.0594
3.0000	0.0115	0.0125	0.0125	0.0115	0.0111	0.0033	0.0112	0.0052	0.0175	0.0129	0.0199
4.0000	0.0038	0.0045	0.0045	0.0038	0.0034	0.0057	0.0038	0.0003	0.0046	0.0034	0.0062
5.0000	0.0005	0.0003	0.0003	0.0005	0.0003	0.0000	0.0003	0.0000	0.0010	0.0003	0.0017
6.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0002	0.0001	0.0000	0.0002	0.0000	0.0004
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0025	0.0025	0.0025	0.0056	0.0100	0.0096	0.2300	0.0400	0.0004	0.0100
pe		0.0277	0.0277	0.0277	0.0137	0.0700	0.0234	0.5900	0.2600	0.0026	0.1900
Schedule		94.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.7600	0.7568	0.7568	0.7600	0.7548	0.7505	0.7549	0.6981	0.7467	0.7571	0.7583
1.0000	0.1468	0.1538	0.1538	0.1468	0.1564	0.1594	0.1560	0.2566	0.1810	0.1519	0.1652
2.0000	0.0775	0.0741	0.0741	0.0775	0.0758	0.0830	0.0753	0.0413	0.0526	0.0769	0.0524
3.0000	0.0136	0.0116	0.0116	0.0136	0.0100	0.0026	0.0105	0.0038	0.0149	0.0112	0.0170
4.0000	0.0022	0.0034	0.0034	0.0022	0.0027	0.0044	0.0029	0.0002	0.0038	0.0027	0.0052
5.0000	0.0000	0.0003	0.0003	0.0000	0.0002	0.0000	0.0002	0.0000	0.0009	0.0002	0.0014
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0002	0.0000	0.0003
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0134	0.0134	0.0134	0.0217	0.0400	0.0213	0.2600	0.0600	0.0006	0.0100
pe		0.0582	0.0582	0.0582	0.0650	0.1200	0.0642	0.6700	0.2100	0.0021	0.2100
Schedule		95.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4834	0.4817	0.4817	0.4834	0.4809	0.5241	0.4803	0.3683	0.4197	0.4789	0.4750
1.0000	0.1593	0.1633	0.1633	0.1593	0.1645	0.1362	0.1646	0.3918	0.3331	0.1661	0.2762
2.0000	0.3082	0.3064	0.3064	0.3082	0.3069	0.2737	0.3086	0.1824	0.1639	0.3087	0.1421
3.0000	0.0344	0.0326	0.0326	0.0344	0.0317	0.0169	0.0310	0.0485	0.0607	0.0310	0.0660
4.0000	0.0142	0.0151	0.0151	0.0142	0.0148	0.0449	0.0138	0.0081	0.0177	0.0143	0.0274
5.0000	0.0000	0.0006	0.0006	0.0000	0.0009	0.0003	0.0013	0.0009	0.0041	0.0008	0.0098
6.0000	0.0005	0.0001	0.0001	0.0005	0.0002	0.0038	0.0004	0.0001	0.0007	0.0002	0.0029
7.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0006
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
er		0.0033	0.0033	0.0033	0.0048	0.0800	0.0060	0.2100	0.1200	0.0012	0.0100
pe		0.0186	0.0186	0.0186	0.0213	0.2100	0.0211	0.7300	0.6500	0.0065	0.6500

Schedule		96.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.5897	0.5874	0.5874	0.5897	0.5863	0.5930	0.5864	0.5100	0.5712	0.5858	0.5864
1.0000	0.2248	0.2326	0.2326	0.2248	0.2331	0.2133	0.2332	0.3583	0.2753	0.2323	0.2567
2.0000	0.1478	0.1385	0.1385	0.1478	0.1409	0.1662	0.1395	0.1101	0.1060	0.1423	0.1031
3.0000	0.0267	0.0308	0.0308	0.0267	0.0302	0.0118	0.0309	0.0193	0.0349	0.0305	0.0375
4.0000	0.0093	0.0094	0.0094	0.0093	0.0086	0.0148	0.0091	0.0021	0.0098	0.0083	0.0121
5.0000	0.0016	0.0011	0.0011	0.0016	0.0008	0.0001	0.0008	0.0001	0.0023	0.0007	0.0033
6.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0008	0.0001	0.0000	0.0004	0.0001	0.0007
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0056	0.0056	0.0056	0.0083	0.0100	0.0080	0.2000	0.0500	0.0005	0.0100
pe		0.0540	0.0540	0.0540	0.0495	0.1200	0.0536	0.4600	0.2400	0.0024	0.2200
Schedule		97.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.6907	0.6869	0.6869	0.6907	0.6861	0.6894	0.6862	0.6188	0.6704	0.6859	0.6876
1.0000	0.1751	0.1845	0.1845	0.1751	0.1856	0.1787	0.1856	0.3061	0.2292	0.1856	0.2064
2.0000	0.1151	0.1084	0.1084	0.1151	0.1096	0.1179	0.1090	0.0662	0.0729	0.1099	0.0717
3.0000	0.0158	0.0155	0.0155	0.0158	0.0144	0.0052	0.0148	0.0082	0.0209	0.0145	0.0242
4.0000	0.0033	0.0044	0.0044	0.0033	0.0039	0.0083	0.0041	0.0006	0.0053	0.0038	0.0075
5.0000	0.0000	0.0002	0.0002	0.0000	0.0003	0.0000	0.0003	0.0000	0.0011	0.0003	0.0020
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	0.0002	0.0000	0.0004
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0121	0.0121	0.0121	0.0149	0.0000	0.0145	0.2300	0.0600	0.0006	0.0100
pe		0.0576	0.0576	0.0576	0.0592	0.0600	0.0605	0.6100	0.3200	0.0032	0.2900
Schedule		98.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.4703	0.4533	0.4533	0.4703	0.4645	0.4353	0.4637	0.3225	0.3832	0.4678	0.4617
1.0000	0.1009	0.1168	0.1168	0.1009	0.1062	0.2122	0.1101	0.3920	0.3292	0.1003	0.2569
2.0000	0.3524	0.3485	0.3485	0.3524	0.3584	0.2708	0.3529	0.2085	0.1795	0.3564	0.1433
3.0000	0.0584	0.0621	0.0621	0.0584	0.0568	0.0344	0.0558	0.0634	0.0749	0.0615	0.0761
4.0000	0.0158	0.0179	0.0179	0.0158	0.0128	0.0427	0.0160	0.0120	0.0250	0.0128	0.0374
5.0000	0.0022	0.0013	0.0013	0.0022	0.0012	0.0008	0.0014	0.0015	0.0066	0.0012	0.0165
6.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0037	0.0001	0.0001	0.0013	0.0001	0.0061
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0018
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0003
er		0.0321	0.0321	0.0321	0.0109	0.0700	0.0125	0.2800	0.1600	0.0016	0.0200
pe		0.0500	0.0500	0.0500	0.0321	0.4700	0.0253	0.8300	0.8100	0.0081	0.8100

Schedule		99.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4719	0.4688	0.4688	0.4719	0.4682	0.5130	0.4691	0.3374	0.3754	0.4648	0.4639
1.0000	0.0878	0.0956	0.0956	0.0878	0.0984	0.1095	0.0958	0.3926	0.3512	0.1024	0.2649
2.0000	0.4004	0.3946	0.3946	0.4004	0.3930	0.2994	0.3941	0.1999	0.1833	0.3957	0.1441
3.0000	0.0327	0.0324	0.0324	0.0327	0.0297	0.0162	0.0321	0.0582	0.0672	0.0268	0.0732
4.0000	0.0065	0.0082	0.0082	0.0065	0.0101	0.0562	0.0087	0.0106	0.0184	0.0098	0.0339
5.0000	0.0005	0.0003	0.0003	0.0005	0.0005	0.0003	0.0002	0.0012	0.0038	0.0004	0.0139
6.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0052	0.0000	0.0001	0.0006	0.0001	0.0047
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0012
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0002
er		0.0058	0.0058	0.0058	0.0070	0.0800	0.0053	0.2500	0.1800	0.0018	0.0100
pe		0.0299	0.0299	0.0299	0.0468	0.3600	0.0329	1.0200	0.9800	0.0098	0.9800
Schedule		100.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.8691	0.8684	0.8684	0.8691	0.8693	0.8672	0.8686	0.8327	0.8611	0.8689	0.8722
1.0000	0.0829	0.0846	0.0846	0.0829	0.0844	0.0887	0.0849	0.1542	0.1065	0.0851	0.0906
2.0000	0.0458	0.0437	0.0437	0.0458	0.0428	0.0418	0.0438	0.0125	0.0246	0.0428	0.0256
3.0000	0.0022	0.0028	0.0028	0.0022	0.0029	0.0005	0.0024	0.0006	0.0060	0.0026	0.0081
4.0000	0.0000	0.0005	0.0005	0.0000	0.0006	0.0017	0.0003	0.0000	0.0014	0.0006	0.0025
5.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0007
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0054	0.0054	0.0054	0.0015	0.0200	0.0038	0.2900	0.0700	0.0007	0.0100
pe		0.0377	0.0377	0.0377	0.0443	0.0800	0.0344	0.8500	0.3100	0.0031	0.3100
Schedule		101.0000			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4424	0.4423	0.4423	0.4424	0.4460	0.4912	0.4450	0.3264	0.3518	0.4370	0.4394
1.0000	0.1129	0.1135	0.1135	0.1129	0.1146	0.1284	0.1135	0.3923	0.3650	0.1261	0.2793
2.0000	0.4103	0.4016	0.4016	0.4103	0.3945	0.2983	0.4023	0.2062	0.1944	0.4010	0.1538
3.0000	0.0273	0.0347	0.0347	0.0273	0.0358	0.0203	0.0313	0.0620	0.0683	0.0274	0.0761
4.0000	0.0060	0.0071	0.0071	0.0060	0.0088	0.0559	0.0071	0.0116	0.0171	0.0081	0.0335
5.0000	0.0011	0.0005	0.0005	0.0011	0.0003	0.0005	0.0007	0.0014	0.0031	0.0003	0.0128
6.0000	0.0000	0.0002	0.0002	0.0000	0.0000	0.0053	0.0001	0.0001	0.0004	0.0000	0.0040
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0009
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0001
er		0.0001	0.0001	1.4143	0.0065	0.0900	0.0047	0.2000	0.1600	0.0016	0.0000
pe		0.0336	0.0336	0.0336	0.0531	0.3400	0.0255	0.9300	0.9300	0.0093	0.9300

Schedule		102.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.4190	0.4128	0.4128	0.4190	0.4171	0.4382	0.4140	0.2686	0.3435	0.4154	0.4089
1.0000	0.1097	0.1185	0.1185	0.1097	0.1193	0.1234	0.1219	0.3837	0.3172	0.1171	0.2637
2.0000	0.3693	0.3491	0.3491	0.3693	0.3499	0.3280	0.3554	0.2399	0.1940	0.3533	0.1592
3.0000	0.0584	0.0755	0.0755	0.0584	0.0710	0.0276	0.0660	0.0857	0.0934	0.0739	0.0896
4.0000	0.0327	0.0402	0.0402	0.0327	0.0374	0.0735	0.0347	0.0191	0.0368	0.0358	0.0462
5.0000	0.0082	0.0027	0.0027	0.0082	0.0041	0.0009	0.0058	0.0027	0.0117	0.0036	0.0212
6.0000	0.0022	0.0008	0.0008	0.0022	0.0012	0.0081	0.0020	0.0002	0.0029	0.0009	0.0083
7.0000	0.0005	0.0003	0.0003	0.0005	0.0001	0.0000	0.0002	0.0000	0.0005	0.0000	0.0025
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0004
er		0.0107	0.0107	0.0107	0.0033	0.0300	0.0086	0.2600	0.1300	0.0013	0.0200
pe		0.1044	0.1044	0.1044	0.0892	0.2400	0.0664	0.7800	0.7400	0.0074	0.7400
Schedule		103.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.1822	0.1681	0.1681	0.1822	0.1873	0.2637	0.1804	0.1094	0.1220	0.1386	0.1340
1.0000	0.0998	0.1232	0.1232	0.0998	0.1330	0.0858	0.1215	0.2789	0.2774	0.1796	0.2752
2.0000	0.4643	0.4669	0.4669	0.4643	0.4017	0.3860	0.4385	0.3110	0.2954	0.4461	0.2819
3.0000	0.1424	0.1324	0.1324	0.1424	0.1333	0.0609	0.1364	0.1982	0.1921	0.1053	0.1863
4.0000	0.0889	0.0797	0.0797	0.0889	0.1245	0.1637	0.0987	0.0789	0.0832	0.1119	0.0864
5.0000	0.0153	0.0186	0.0186	0.0153	0.0165	0.0063	0.0176	0.0201	0.0245	0.0135	0.0286
6.0000	0.0055	0.0092	0.0092	0.0055	0.0037	0.0310	0.0062	0.0032	0.0048	0.0048	0.0066
7.0000	0.0005	0.0014	0.0014	0.0005	0.0001	0.0001	0.0006	0.0003	0.0006	0.0002	0.0010
8.0000	0.0011	0.0004	0.0004	0.0011	0.0000	0.0025	0.0001	0.0000	0.0000	0.0000	0.0001
er		0.0172	0.0172	0.0172	0.0062	0.1000	0.0022	0.0900	0.0700	0.0007	0.0600
pe		0.0656	0.0656	0.0656	0.1773	0.3400	0.0824	0.5000	0.5100	0.0051	0.5100
Schedule		104.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.8358	0.8358	0.8358	0.8358	0.8356	0.8350	0.8355	0.7889	0.8273	0.8363	0.8380
1.0000	0.1042	0.1042	0.1042	0.1042	0.1040	0.1028	0.1046	0.1898	0.1275	0.1027	0.1127
2.0000	0.0535	0.0522	0.0522	0.0535	0.0536	0.0586	0.0529	0.0200	0.0332	0.0539	0.0336
3.0000	0.0038	0.0056	0.0056	0.0038	0.0052	0.0008	0.0052	0.0012	0.0090	0.0056	0.0110
4.0000	0.0027	0.0020	0.0020	0.0027	0.0015	0.0026	0.0017	0.0000	0.0023	0.0015	0.0035
5.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0000	0.0001	0.0000	0.0005	0.0001	0.0010
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0002
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0001	0.0001	9.4123	0.0012	0.0300	0.0018	0.3200	0.0800	0.0008	0.0200
pe		0.0241	0.0241	0.0241	0.0183	0.0600	0.0213	0.7500	0.3100	0.0031	0.2500

Schedule		105.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1620	0.1493	0.1493	0.1620	0.1627	0.2459	0.1555	0.0992	0.1040	0.1256	0.1217
1.0000	0.0917	0.1217	0.1217	0.0917	0.1290	0.0865	0.1222	0.2658	0.2658	0.1636	0.2645
2.0000	0.4806	0.4621	0.4621	0.4806	0.4203	0.3845	0.4547	0.3115	0.3052	0.4562	0.2841
3.0000	0.1418	0.1274	0.1274	0.1418	0.1268	0.0677	0.1248	0.2086	0.2057	0.1034	0.1955
4.0000	0.0993	0.1193	0.1193	0.0993	0.1470	0.1712	0.1210	0.0873	0.0889	0.1388	0.0937
5.0000	0.0164	0.0145	0.0145	0.0164	0.0112	0.0077	0.0151	0.0234	0.0253	0.0090	0.0319
6.0000	0.0082	0.0051	0.0051	0.0082	0.0029	0.0336	0.0064	0.0039	0.0046	0.0032	0.0075
7.0000	0.0000	0.0004	0.0004	0.0000	0.0001	0.0001	0.0003	0.0004	0.0005	0.0001	0.0011
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0028	0.0000	0.0000	0.0000	0.0000	0.0001
er		0.0151	0.0151	0.0151	0.0008	0.1000	0.0078	0.0700	0.0700	0.0007	0.0500
pe		0.1055	0.1055	0.1055	0.2039	0.3300	0.1175	0.5100	0.5100	0.0051	0.5400
Schedule		106.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	1.0500	**HBBD**
0.0000	0.3606	0.3572	0.3572	0.3606	0.3552	0.4229	0.3551	0.2699	0.2955	0.3514	0.3449
1.0000	0.1822	0.1886	0.1886	0.1822	0.1909	0.1506	0.1907	0.3841	0.3605	0.1934	0.3171
2.0000	0.3737	0.3731	0.3731	0.3737	0.3759	0.3163	0.3763	0.2391	0.2227	0.3798	0.1934
3.0000	0.0573	0.0530	0.0530	0.0573	0.0505	0.0336	0.0505	0.0850	0.0897	0.0493	0.0930
4.0000	0.0245	0.0262	0.0262	0.0245	0.0250	0.0677	0.0246	0.0189	0.0255	0.0237	0.0365
5.0000	0.0016	0.0015	0.0015	0.0016	0.0020	0.0011	0.0022	0.0027	0.0052	0.0018	0.0116
6.0000	0.0000	0.0003	0.0003	0.0000	0.0005	0.0075	0.0006	0.0002	0.0007	0.0005	0.0029
7.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0005
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0053	0.0053	0.0053	0.0084	0.1000	0.0086	0.1400	0.1000	0.0010	0.0200
pe		0.0210	0.0210	0.0210	0.0299	0.2500	0.0300	0.5800	0.5600	0.0056	0.5900
Schedule		107.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.8854	0.8848	0.8848	0.8854	0.8839	0.9449	0.8835	0.8648	0.8837	0.8858	0.8865
1.0000	0.0889	0.0898	0.0898	0.0889	0.0918	0.0174	0.0920	0.1268	0.0939	0.0878	0.0896
2.0000	0.0218	0.0218	0.0218	0.0218	0.0218	0.0131	0.0218	0.0081	0.0180	0.0233	0.0187
3.0000	0.0038	0.0031	0.0031	0.0038	0.0021	0.0086	0.0023	0.0003	0.0036	0.0027	0.0042
4.0000	0.0000	0.0005	0.0005	0.0000	0.0003	0.0125	0.0003	0.0000	0.0007	0.0004	0.0009
5.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0001	0.0000	0.0002
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0015	0.0000	0.0000	0.0000	0.0000	0.0000
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0018	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0052	0.0052	0.0052	0.0131	0.5000	0.0166	0.2300	0.0600	0.0006	0.0400
pe		0.0197	0.0197	0.0197	0.0428	0.9100	0.0428	0.5500	0.0000	0.0000	0.0900

Schedule		108.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4555	0.4531	0.4531	0.4555	0.4529	0.4454	0.4538	0.3274	0.3634	0.4481	0.4481
1.0000	0.1064	0.1116	0.1116	0.1064	0.1136	0.2033	0.1119	0.3923	0.3538	0.1194	0.2721
2.0000	0.3852	0.3816	0.3816	0.3852	0.3813	0.2716	0.3809	0.2057	0.1890	0.3847	0.1500
3.0000	0.0464	0.0454	0.0454	0.0464	0.0424	0.0320	0.0451	0.0616	0.0700	0.0384	0.0757
4.0000	0.0065	0.0078	0.0078	0.0065	0.0092	0.0431	0.0081	0.0115	0.0192	0.0088	0.0345
5.0000	0.0000	0.0004	0.0004	0.0000	0.0006	0.0007	0.0002	0.0014	0.0039	0.0005	0.0137
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0038	0.0000	0.0001	0.0006	0.0000	0.0045
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0011
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0002
er		0.0045	0.0045	0.0045	0.0048	0.0300	0.0031	0.2500	0.1800	0.0018	0.0200
pe		0.0212	0.0212	0.0212	0.0338	0.5000	0.0237	0.9100	0.8900	0.0089	0.8900
Schedule		109.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4343	0.4269	0.4269	0.4343	0.4269	0.4578	0.4267	0.3140	0.3720	0.4213	0.4190
1.0000	0.1658	0.1824	0.1824	0.1658	0.1860	0.1636	0.1842	0.3914	0.3324	0.1910	0.2884
2.0000	0.3148	0.3020	0.3020	0.3148	0.3007	0.2917	0.3030	0.2134	0.1845	0.3051	0.1618
3.0000	0.0606	0.0622	0.0622	0.0606	0.0584	0.0279	0.0594	0.0665	0.0773	0.0563	0.0794
4.0000	0.0218	0.0240	0.0240	0.0218	0.0251	0.0530	0.0240	0.0130	0.0256	0.0238	0.0341
5.0000	0.0022	0.0020	0.0020	0.0022	0.0023	0.0007	0.0023	0.0016	0.0067	0.0021	0.0125
6.0000	0.0005	0.0005	0.0005	0.0005	0.0005	0.0051	0.0004	0.0001	0.0013	0.0005	0.0037
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0008
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0001
er		0.0132	0.0132	0.0132	0.0131	0.0500	0.0134	0.2000	0.1000	0.0010	0.0200
pe		0.0591	0.0591	0.0591	0.0705	0.1800	0.0597	0.6000	0.5600	0.0056	0.5600
Schedule		110.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.7065	0.7040	0.7040	0.7065	0.7032	0.7089	0.7030	0.6402	0.6909	0.7038	0.7043
1.0000	0.1751	0.1815	0.1815	0.1751	0.1820	0.1689	0.1825	0.2936	0.2170	0.1804	0.1990
2.0000	0.1004	0.0959	0.0959	0.1004	0.0977	0.1100	0.0968	0.0589	0.0670	0.0983	0.0665
3.0000	0.0142	0.0139	0.0139	0.0142	0.0131	0.0043	0.0132	0.0068	0.0191	0.0135	0.0216
4.0000	0.0038	0.0043	0.0043	0.0038	0.0037	0.0074	0.0040	0.0005	0.0048	0.0036	0.0065
5.0000	0.0000	0.0002	0.0002	0.0000	0.0003	0.0000	0.0003	0.0000	0.0010	0.0003	0.0017
6.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0003	0.0001	0.0000	0.0002	0.0000	0.0004
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0084	0.0084	0.0084	0.0112	0.0000	0.0119	0.2400	0.0700	0.0007	0.0200
pe		0.0408	0.0408	0.0408	0.0382	0.1000	0.0429	0.5900	0.2400	0.0024	0.2400

Schedule		111.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.6983	0.6987	0.6987	0.6983	0.6989	0.6799	0.6984	0.6365	0.6849	0.6994	0.7021
1.0000	0.1849	0.1849	0.1849	0.1849	0.1832	0.2172	0.1852	0.2958	0.2225	0.1818	0.1995
2.0000	0.1015	0.0989	0.0989	0.1015	0.1020	0.0922	0.0997	0.0601	0.0680	0.1024	0.0673
3.0000	0.0104	0.0129	0.0129	0.0104	0.0127	0.0056	0.0126	0.0070	0.0188	0.0131	0.0222
4.0000	0.0044	0.0043	0.0043	0.0044	0.0030	0.0049	0.0039	0.0005	0.0046	0.0030	0.0067
5.0000	0.0005	0.0003	0.0003	0.0005	0.0002	0.0000	0.0003	0.0000	0.0009	0.0002	0.0018
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0002	0.0000	0.0004
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0013	0.0013	0.0013	0.0020	0.0700	0.0003	0.2100	0.0500	0.0005	0.0100
pe		0.0185	0.0185	0.0185	0.0206	0.1700	0.0166	0.5300	0.2700	0.0027	0.2000
Schedule		112.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4157	0.4147	0.4147	0.4157	0.4131	0.4343	0.4120	0.2800	0.3353	0.4084	0.4047
1.0000	0.1173	0.1229	0.1229	0.1173	0.1293	0.1472	0.1282	0.3864	0.3349	0.1329	0.2753
2.0000	0.3770	0.3589	0.3589	0.3770	0.3580	0.3147	0.3635	0.2332	0.2005	0.3621	0.1636
3.0000	0.0622	0.0755	0.0755	0.0622	0.0704	0.0307	0.0682	0.0804	0.0887	0.0689	0.0879
4.0000	0.0213	0.0261	0.0261	0.0213	0.0266	0.0651	0.0243	0.0173	0.0306	0.0254	0.0424
5.0000	0.0055	0.0015	0.0015	0.0055	0.0022	0.0009	0.0032	0.0024	0.0082	0.0019	0.0179
6.0000	0.0011	0.0003	0.0003	0.0011	0.0003	0.0068	0.0006	0.0002	0.0016	0.0003	0.0063
7.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0016
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0002
er		0.0018	0.0018	0.0018	0.0044	0.0200	0.0063	0.2400	0.1500	0.0015	0.0300
pe		0.0801	0.0801	0.0801	0.0832	0.3100	0.0620	0.7600	0.7600	0.0076	0.7600
Schedule		113.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.8189	0.8165	0.8165	0.8189	0.8149	0.8107	0.8149	0.7692	0.8102	0.8174	0.8184
1.0000	0.1151	0.1222	0.1222	0.1151	0.1241	0.1279	0.1239	0.2052	0.1391	0.1190	0.1277
2.0000	0.0573	0.0509	0.0509	0.0573	0.0524	0.0570	0.0518	0.0240	0.0371	0.0537	0.0374
3.0000	0.0071	0.0079	0.0079	0.0071	0.0068	0.0015	0.0073	0.0016	0.0102	0.0080	0.0117
4.0000	0.0011	0.0022	0.0022	0.0011	0.0017	0.0028	0.0019	0.0001	0.0026	0.0018	0.0035
5.0000	0.0005	0.0002	0.0002	0.0005	0.0001	0.0000	0.0002	0.0000	0.0006	0.0002	0.0009
6.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0002
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0135	0.0135	0.0135	0.0221	0.0500	0.0221	0.2800	0.0500	0.0005	0.0100
pe		0.0867	0.0867	0.0867	0.0839	0.1100	0.0861	0.7200	0.2200	0.0022	0.2200

Schedule		114.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3661	0.3591	0.3591	0.3661	0.3644	0.4145	0.3630	0.2485	0.2847	0.3478	0.3480
1.0000	0.1304	0.1452	0.1452	0.1304	0.1465	0.1294	0.1439	0.3779	0.3473	0.1647	0.2961
2.0000	0.3977	0.3910	0.3910	0.3977	0.3736	0.3326	0.3838	0.2514	0.2261	0.3868	0.1872
3.0000	0.0747	0.0740	0.0740	0.0747	0.0787	0.0330	0.0758	0.0956	0.1002	0.0669	0.0995
4.0000	0.0284	0.0266	0.0266	0.0284	0.0337	0.0793	0.0294	0.0227	0.0325	0.0309	0.0452
5.0000	0.0022	0.0029	0.0029	0.0022	0.0027	0.0013	0.0032	0.0035	0.0078	0.0024	0.0173
6.0000	0.0005	0.0009	0.0009	0.0005	0.0005	0.0095	0.0008	0.0003	0.0013	0.0006	0.0053
7.0000	0.0000	0.0002	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0012
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000	0.0000	0.0000	0.0001
er		0.0110	0.0110	0.0110	0.0027	0.0700	0.0049	0.1900	0.1400	0.0014	0.0400
pe		0.0401	0.0401	0.0401	0.0789	0.2700	0.0486	0.6700	0.6800	0.0068	0.7000
Schedule		115.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.8936	0.8939	0.8939	0.8936	0.8933	0.9478	0.8933	0.8690	0.8902	0.8941	0.8967
1.0000	0.0769	0.0765	0.0765	0.0769	0.0775	0.0160	0.0774	0.1231	0.0867	0.0759	0.0770
2.0000	0.0273	0.0265	0.0265	0.0273	0.0268	0.0129	0.0266	0.0076	0.0180	0.0272	0.0191
3.0000	0.0011	0.0026	0.0026	0.0011	0.0021	0.0078	0.0023	0.0003	0.0040	0.0024	0.0053
4.0000	0.0011	0.0005	0.0005	0.0011	0.0004	0.0115	0.0004	0.0000	0.0008	0.0004	0.0014
5.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0002	0.0000	0.0004
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0018	0.0000	0.0000	0.0000	0.0000	0.0001
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0021	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0027	0.0027	0.0027	0.0028	0.5300	0.0028	0.1900	0.0000	0.0000	0.0500
pe		0.0309	0.0309	0.0309	0.0263	0.9100	0.0291	0.6400	0.1800	0.0018	0.0900
Schedule		116.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.7070	0.7016	0.7016	0.7070	0.6974	0.6900	0.6981	0.6318	0.6903	0.7019	0.7042
1.0000	0.1686	0.1807	0.1807	0.1686	0.1877	0.1935	0.1847	0.2986	0.2118	0.1787	0.1937
2.0000	0.1004	0.0932	0.0932	0.1004	0.0943	0.1045	0.0951	0.0617	0.0690	0.0963	0.0678
3.0000	0.0191	0.0188	0.0188	0.0191	0.0158	0.0052	0.0175	0.0073	0.0213	0.0182	0.0237
4.0000	0.0049	0.0047	0.0047	0.0049	0.0043	0.0066	0.0040	0.0005	0.0059	0.0045	0.0077
5.0000	0.0000	0.0007	0.0007	0.0000	0.0004	0.0000	0.0005	0.0000	0.0014	0.0005	0.0022
6.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0003	0.0001	0.0000	0.0003	0.0001	0.0005
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0185	0.0185	0.0185	0.0328	0.0700	0.0304	0.2700	0.0700	0.0007	0.0200
pe		0.0705	0.0705	0.0705	0.1010	0.1400	0.0836	0.6200	0.2400	0.0024	0.2400

Schedule		117.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.5052	0.4955	0.4955	0.5052	0.4972	0.5135	0.4973	0.3736	0.4453	0.5050	0.4970
1.0000	0.1533	0.1599	0.1599	0.1533	0.1602	0.1618	0.1618	0.3914	0.3103	0.1463	0.2586
2.0000	0.2739	0.2735	0.2735	0.2739	0.2846	0.2612	0.2789	0.1794	0.1539	0.2842	0.1336
3.0000	0.0480	0.0502	0.0502	0.0480	0.0412	0.0196	0.0434	0.0470	0.0622	0.0479	0.0652
4.0000	0.0169	0.0199	0.0199	0.0169	0.0152	0.0403	0.0169	0.0077	0.0209	0.0151	0.0292
5.0000	0.0027	0.0009	0.0009	0.0027	0.0013	0.0003	0.0015	0.0008	0.0058	0.0013	0.0116
6.0000	0.0000	0.0001	0.0001	0.0000	0.0002	0.0033	0.0003	0.0001	0.0012	0.0002	0.0038
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0010
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
er		0.0195	0.0195	0.0195	0.0162	0.0100	0.0160	0.2800	0.1300	0.0013	0.0300
pe		0.0286	0.0286	0.0286	0.0560	0.1600	0.0396	0.6900	0.5900	0.0059	0.5900
Schedule		118.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.8396	0.8368	0.8368	0.8396	0.8366	0.8298	0.8356	0.7891	0.8288	0.8378	0.8403
1.0000	0.0933	0.1010	0.1010	0.0933	0.1031	0.1131	0.1030	0.1897	0.1254	0.1008	0.1097
2.0000	0.0616	0.0542	0.0542	0.0616	0.0531	0.0537	0.0549	0.0200	0.0333	0.0535	0.0335
3.0000	0.0049	0.0064	0.0064	0.0049	0.0056	0.0010	0.0053	0.0012	0.0093	0.0063	0.0113
4.0000	0.0005	0.0014	0.0014	0.0005	0.0015	0.0024	0.0010	0.0000	0.0025	0.0015	0.0037
5.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0000	0.0001	0.0000	0.0006	0.0001	0.0011
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0003
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0174	0.0174	0.0174	0.0187	0.0600	0.0249	0.3200	0.0700	0.0100	0.0000
pe		0.1099	0.1099	0.1099	0.1253	0.1900	0.1085	0.8800	0.3800	0.1200	0.3800
Schedule		119.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2826	0.2724	0.2724	0.2826	0.2732	0.3193	0.2727	0.1876	0.2270	0.2564	0.2481
1.0000	0.1860	0.2021	0.2021	0.1860	0.2032	0.1622	0.2034	0.3492	0.3249	0.2182	0.3116
2.0000	0.3459	0.3407	0.3407	0.3459	0.3437	0.3477	0.3447	0.2844	0.2492	0.3558	0.2327
3.0000	0.1206	0.1183	0.1183	0.1206	0.1141	0.0615	0.1134	0.1323	0.1307	0.1091	0.1282
4.0000	0.0556	0.0566	0.0566	0.0556	0.0551	0.0933	0.0547	0.0385	0.0504	0.0515	0.0552
5.0000	0.0076	0.0079	0.0079	0.0076	0.0087	0.0033	0.0089	0.0072	0.0145	0.0073	0.0186
6.0000	0.0016	0.0018	0.0018	0.0016	0.0020	0.0121	0.0021	0.0008	0.0030	0.0016	0.0047
7.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0000	0.0002	0.0001	0.0004	0.0001	0.0008
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0007	0.0000	0.0000	0.0000	0.0000	0.0001
er		0.0142	0.0142	0.0142	0.0131	0.0500	0.0138	0.1300	0.0700	0.0300	0.0400
pe		0.0353	0.0353	0.0353	0.0390	0.1900	0.0400	0.3500	0.3800	0.0800	0.3600

Schedule		120.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.7114	0.7094	0.7094	0.7114	0.7098	0.7141	0.7092	0.6451	0.6940	0.7087	0.7101
1.0000	0.1664	0.1724	0.1724	0.1664	0.1734	0.1648	0.1733	0.2907	0.2163	0.1750	0.1947
2.0000	0.1091	0.1027	0.1027	0.1091	0.1012	0.1095	0.1027	0.0573	0.0657	0.1013	0.0651
3.0000	0.0109	0.0122	0.0122	0.0109	0.0118	0.0040	0.0117	0.0065	0.0183	0.0114	0.0214
4.0000	0.0016	0.0031	0.0031	0.0016	0.0035	0.0072	0.0030	0.0005	0.0045	0.0034	0.0065
5.0000	0.0005	0.0002	0.0002	0.0005	0.0002	0.0000	0.0002	0.0000	0.0009	0.0002	0.0017
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0002	0.0000	0.0004
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0068	0.0068	0.0068	0.0055	0.0100	0.0076	0.2200	0.0600	0.0000	0.0000
pe		0.0536	0.0536	0.0536	0.0624	0.0700	0.0547	0.6200	0.3400	0.0700	0.3100
Schedule		121.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.6672	0.6682	0.6682	0.6672	0.6697	0.6754	0.6689	0.6041	0.6506	0.6667	0.6691
1.0000	0.1969	0.1951	0.1951	0.1969	0.1940	0.1848	0.1953	0.3123	0.2440	0.1988	0.2198
2.0000	0.1184	0.1157	0.1157	0.1184	0.1157	0.1236	0.1161	0.0727	0.0770	0.1156	0.0756
3.0000	0.0125	0.0160	0.0160	0.0125	0.0160	0.0063	0.0152	0.0100	0.0216	0.0146	0.0250
4.0000	0.0044	0.0045	0.0045	0.0044	0.0042	0.0093	0.0041	0.0009	0.0054	0.0040	0.0077
5.0000	0.0005	0.0004	0.0004	0.0005	0.0004	0.0000	0.0004	0.0001	0.0012	0.0003	0.0021
6.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0005	0.0001	0.0000	0.0002	0.0001	0.0005
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0029	0.0029	0.0029	0.0075	0.0200	0.0051	0.2000	0.0600	0.0100	0.0000
pe		0.0252	0.0252	0.0252	0.0285	0.0900	0.0213	0.5200	0.3000	0.0300	0.2400
Schedule		122.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.7861	0.7880	0.7880	0.7861	0.7902	0.7819	0.7879	0.7305	0.7782	0.7905	0.7935
1.0000	0.1309	0.1275	0.1275	0.1309	0.1261	0.1380	0.1280	0.2331	0.1588	0.1254	0.1385
2.0000	0.0736	0.0731	0.0731	0.0736	0.0716	0.0737	0.0733	0.0335	0.0450	0.0718	0.0445
3.0000	0.0065	0.0090	0.0090	0.0065	0.0092	0.0021	0.0086	0.0028	0.0131	0.0094	0.0156
4.0000	0.0022	0.0023	0.0023	0.0022	0.0026	0.0041	0.0020	0.0002	0.0037	0.0026	0.0054
5.0000	0.0005	0.0002	0.0002	0.0005	0.0003	0.0000	0.0001	0.0000	0.0009	0.0002	0.0018
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0002	0.0000	0.0005
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0087	0.0087	0.0087	0.0192	0.0400	0.0084	0.2800	0.0600	0.0000	0.0200
pe		0.0321	0.0321	0.0321	0.0472	0.0500	0.0276	0.7100	0.3300	0.0500	0.2400

Schedule		123.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4561	0.4546	0.4545	0.4561	0.4550	0.4984	0.4549	0.3472	0.3936	0.4497	0.4475
1.0000	0.1686	0.1738	0.1737	0.1686	0.1735	0.1457	0.1739	0.3874	0.3381	0.1794	0.2859
2.0000	0.3142	0.3079	0.3078	0.3142	0.3078	0.2779	0.3079	0.1945	0.1741	0.3112	0.1504
3.0000	0.0409	0.0421	0.0422	0.0409	0.0423	0.0218	0.0419	0.0579	0.0670	0.0394	0.0704
4.0000	0.0175	0.0198	0.0198	0.0175	0.0192	0.0501	0.0194	0.0113	0.0207	0.0183	0.0297
5.0000	0.0022	0.0015	0.0015	0.0022	0.0017	0.0006	0.0017	0.0015	0.0052	0.0016	0.0112
6.0000	0.0005	0.0003	0.0003	0.0005	0.0004	0.0052	0.0004	0.0001	0.0011	0.0004	0.0037
7.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0010
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0002
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0028	0.0029	0.0028	0.0020	0.0700	0.0022	0.2100	0.1200	0.0200	0.0200
pe		0.0294	0.0295	0.0296	0.0276	0.2200	0.0278	0.6700	0.6300	0.0400	0.6300
Schedule		124.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.6683	0.6660	0.6659	0.6683	0.6662	0.6755	0.6663	0.6143	0.6531	0.6634	0.6627
1.0000	0.2079	0.2141	0.2140	0.2079	0.2143	0.1973	0.2143	0.3067	0.2486	0.2189	0.2354
2.0000	0.1069	0.1007	0.1007	0.1069	0.1005	0.1126	0.1005	0.0689	0.0741	0.1001	0.0740
3.0000	0.0136	0.0159	0.0159	0.0136	0.0156	0.0064	0.0155	0.0092	0.0190	0.0145	0.0210
4.0000	0.0033	0.0030	0.0030	0.0033	0.0031	0.0078	0.0030	0.0008	0.0042	0.0029	0.0054
5.0000	0.0000	0.0002	0.0002	0.0000	0.0003	0.0000	0.0002	0.0000	0.0008	0.0003	0.0012
6.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0004	0.0000	0.0000	0.0001	0.0000	0.0002
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0071	0.0072	0.0070	0.0063	0.0200	0.0060	0.1700	0.0500	0.0200	0.0200
pe		0.0459	0.0458	0.0458	0.0461	0.0900	0.0458	0.4200	0.2400	0.0600	0.2100
Schedule		125.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3704	0.3665	0.3665	0.3704	0.3629	0.4229	0.3617	0.2810	0.3046	0.3628	0.3545
1.0000	0.1757	0.1885	0.1885	0.1757	0.1908	0.1654	0.1925	0.3803	0.3589	0.1880	0.3158
2.0000	0.3737	0.3601	0.3601	0.3737	0.3681	0.3013	0.3680	0.2317	0.2167	0.3707	0.1877
3.0000	0.0562	0.0569	0.0569	0.0562	0.0527	0.0367	0.0519	0.0836	0.0872	0.0543	0.0894
4.0000	0.0207	0.0258	0.0258	0.0207	0.0226	0.0638	0.0223	0.0198	0.0257	0.0217	0.0359
5.0000	0.0022	0.0017	0.0017	0.0022	0.0022	0.0015	0.0027	0.0032	0.0057	0.0021	0.0122
6.0000	0.0011	0.0003	0.0003	0.0011	0.0005	0.0078	0.0008	0.0004	0.0010	0.0004	0.0035
7.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001	0.0000	0.0008
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000	0.0000	0.0000	0.0001
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0062	0.0062	0.0062	0.0119	0.0800	0.0138	0.1400	0.1000	0.0100	0.0300
pe		0.0533	0.0533	0.0533	0.0424	0.2400	0.0465	0.6000	0.5900	0.0300	0.6200

Schedule		126.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.8260	0.8274	0.8274	0.8260	0.8282	0.8079	0.8274	0.7882	0.8203	0.8278	0.8335
1.0000	0.1189	0.1159	0.1159	0.1189	0.1158	0.1527	0.1168	0.1898	0.1372	0.1165	0.1184
2.0000	0.0507	0.0495	0.0495	0.0507	0.0496	0.0369	0.0499	0.0206	0.0324	0.0496	0.0334
3.0000	0.0033	0.0061	0.0061	0.0033	0.0053	0.0013	0.0052	0.0013	0.0078	0.0051	0.0103
4.0000	0.0005	0.0010	0.0010	0.0005	0.0010	0.0011	0.0007	0.0001	0.0018	0.0010	0.0032
5.0000	0.0005	0.0001	0.0001	0.0005	0.0001	0.0000	0.0001	0.0000	0.0004	0.0001	0.0009
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0080	0.0080	0.0080	0.0126	0.1300	0.0080	0.2500	0.0600	0.0100	0.0200
pe		0.0452	0.0452	0.0452	0.0408	0.2900	0.0310	0.5900	0.2400	0.0600	0.1800
Schedule		127.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.3764	0.3717	0.3717	0.3764	0.3692	0.4406	0.3694	0.2871	0.3086	0.3689	0.3625
1.0000	0.1746	0.1861	0.1861	0.1746	0.1869	0.1478	0.1875	0.3816	0.3617	0.1848	0.3142
2.0000	0.3753	0.3683	0.3683	0.3753	0.3750	0.3046	0.3723	0.2282	0.2150	0.3774	0.1843
3.0000	0.0486	0.0464	0.0464	0.0486	0.0435	0.0316	0.0447	0.0809	0.0845	0.0448	0.0874
4.0000	0.0240	0.0260	0.0260	0.0240	0.0231	0.0655	0.0241	0.0188	0.0241	0.0221	0.0350
5.0000	0.0005	0.0013	0.0013	0.0005	0.0017	0.0012	0.0016	0.0030	0.0052	0.0016	0.0120
6.0000	0.0005	0.0002	0.0002	0.0005	0.0005	0.0081	0.0005	0.0003	0.0008	0.0004	0.0035
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0008
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0006	0.0000	0.0000	0.0000	0.0000	0.0002
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0076	0.0076	0.0076	0.0115	0.1000	0.0112	0.1500	0.1200	0.0000	0.0300
pe		0.0383	0.0383	0.0383	0.0318	0.2600	0.0337	0.6300	0.6300	0.0000	0.6500
Schedule		128.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.3191	0.3043	0.3043	0.3191	0.3054	0.3259	0.3059	0.2194	0.2573	0.2987	0.2887
1.0000	0.1718	0.1991	0.1991	0.1718	0.2007	0.2057	0.1994	0.3593	0.3331	0.2024	0.3115
2.0000	0.3584	0.3283	0.3283	0.3584	0.3405	0.3154	0.3389	0.2649	0.2345	0.3483	0.2125
3.0000	0.0955	0.1142	0.1142	0.0955	0.1009	0.0663	0.1025	0.1157	0.1155	0.1018	0.1127
4.0000	0.0453	0.0479	0.0478	0.0453	0.0445	0.0727	0.0448	0.0332	0.0433	0.0422	0.0493
5.0000	0.0082	0.0050	0.0050	0.0082	0.0065	0.0038	0.0071	0.0065	0.0128	0.0055	0.0181
6.0000	0.0011	0.0010	0.0011	0.0011	0.0014	0.0093	0.0012	0.0009	0.0030	0.0011	0.0055
7.0000	0.0005	0.0002	0.0002	0.0005	0.0001	0.0000	0.0001	0.0001	0.0005	0.0001	0.0014
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0007	0.0000	0.0000	0.0001	0.0000	0.0003
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0217	0.0217	0.0217	0.0201	0.0100	0.0194	0.1500	0.0900	0.0200	0.0400
pe		0.1209	0.1207	0.1207	0.0814	0.2200	0.0825	0.4700	0.4400	0.0300	0.4700

Schedule		129.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.3426	0.3388	0.3387	0.3426	0.3489	0.4035	0.3459	0.2364	0.2697	0.3304	0.3281
1.0000	0.1369	0.1482	0.1481	0.1369	0.1447	0.1215	0.1452	0.3667	0.3416	0.1638	0.2986
2.0000	0.4113	0.3912	0.3911	0.4113	0.3731	0.3370	0.3838	0.2561	0.2308	0.3885	0.1929
3.0000	0.0655	0.0781	0.0782	0.0655	0.0844	0.0351	0.0791	0.1060	0.1075	0.0726	0.1036
4.0000	0.0338	0.0368	0.0368	0.0338	0.0436	0.0878	0.0388	0.0288	0.0376	0.0399	0.0481
5.0000	0.0071	0.0051	0.0051	0.0071	0.0043	0.0018	0.0053	0.0054	0.0102	0.0037	0.0194
6.0000	0.0027	0.0015	0.0015	0.0027	0.0010	0.0124	0.0016	0.0007	0.0022	0.0010	0.0067
7.0000	0.0000	0.0003	0.0003	0.0000	0.0000	0.0000	0.0002	0.0001	0.0004	0.0001	0.0020
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0009	0.0000	0.0000	0.0000	0.0000	0.0004
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0057	0.0059	0.0058	0.0096	0.1000	0.0050	0.1600	0.1100	0.0300	0.0200
pe		0.0770	0.0772	0.0767	0.1205	0.2900	0.0875	0.6500	0.6400	0.0700	0.6800

Schedule		130.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.3497	0.3498	0.3498	0.3497	0.3485	0.4068	0.3482	0.2709	0.2884	0.3429	0.3375
1.0000	0.1937	0.1912	0.1912	0.1937	0.1943	0.1739	0.1932	0.3779	0.3627	0.1995	0.3212
2.0000	0.3677	0.3730	0.3730	0.3677	0.3736	0.3031	0.3746	0.2373	0.2256	0.3776	0.1955
3.0000	0.0616	0.0593	0.0593	0.0616	0.0559	0.0409	0.0571	0.0883	0.0908	0.0536	0.0930
4.0000	0.0262	0.0244	0.0244	0.0262	0.0246	0.0648	0.0243	0.0215	0.0261	0.0236	0.0366
5.0000	0.0011	0.0020	0.0020	0.0011	0.0025	0.0017	0.0023	0.0036	0.0055	0.0023	0.0121
6.0000	0.0000	0.0003	0.0003	0.0000	0.0005	0.0081	0.0003	0.0004	0.0009	0.0005	0.0033
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0007
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0006	0.0000	0.0000	0.0000	0.0000	0.0001
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0001	0.0001	1.1945	0.0018	0.0900	0.0023	0.1200	0.0900	0.0100	0.0200
pe		0.0203	0.0203	0.0203	0.0241	0.2300	0.0235	0.5400	0.5200	0.1100	0.5500

Schedule		131.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.4572	0.4554	0.4554	0.4572	0.4556	0.4859	0.4556	0.3581	0.3950	0.4498	0.4478
1.0000	0.1779	0.1850	0.1850	0.1779	0.1860	0.1815	0.1859	0.3873	0.3468	0.1930	0.2937
2.0000	0.3121	0.3009	0.3009	0.3121	0.2999	0.2600	0.3004	0.1885	0.1733	0.3025	0.1511
3.0000	0.0398	0.0454	0.0455	0.0398	0.0451	0.0255	0.0448	0.0544	0.0625	0.0420	0.0676
4.0000	0.0115	0.0120	0.0120	0.0115	0.0122	0.0421	0.0122	0.0103	0.0176	0.0115	0.0268
5.0000	0.0011	0.0010	0.0010	0.0011	0.0011	0.0006	0.0011	0.0013	0.0039	0.0010	0.0094
6.0000	0.0005	0.0002	0.0002	0.0005	0.0001	0.0041	0.0001	0.0001	0.0007	0.0001	0.0028
7.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0007
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0001
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0034	0.0034	0.0033	0.0029	0.0500	0.0029	0.1900	0.1200	0.0100	0.0200
pe		0.0460	0.0460	0.0459	0.0492	0.1900	0.0475	0.6500	0.6300	0.0500	0.6100

Schedule		132.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.3262	0.3215	0.3215	0.3262	0.3159	0.3567	0.3138	0.2233	0.2682	0.3130	0.3036
1.0000	0.1746	0.1862	0.1861	0.1746	0.1951	0.1680	0.1968	0.3612	0.3294	0.1912	0.3048
2.0000	0.3513	0.3247	0.3246	0.3513	0.3393	0.3264	0.3421	0.2629	0.2278	0.3460	0.2041
3.0000	0.0927	0.1078	0.1079	0.0927	0.0951	0.0528	0.0915	0.1134	0.1132	0.0986	0.1098
4.0000	0.0442	0.0540	0.0541	0.0442	0.0464	0.0811	0.0451	0.0321	0.0437	0.0442	0.0499
5.0000	0.0055	0.0041	0.0041	0.0055	0.0064	0.0029	0.0081	0.0062	0.0135	0.0055	0.0194
6.0000	0.0055	0.0010	0.0011	0.0055	0.0018	0.0111	0.0023	0.0008	0.0033	0.0013	0.0064
7.0000	0.0000	0.0005	0.0006	0.0000	0.0001	0.0000	0.0002	0.0001	0.0006	0.0001	0.0017
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0009	0.0000	0.0000	0.0001	0.0000	0.0004
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0069	0.0070	0.0070	0.0153	0.0400	0.0184	0.1600	0.0900	0.0200	0.0400
pe		0.1035	0.1037	0.1034	0.0620	0.1800	0.0586	0.4600	0.4500	0.0600	0.4800
Schedule		133.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.4457	0.4421	0.4421	0.4457	0.4442	0.4360	0.4435	0.3184	0.3582	0.4406	0.4388
1.0000	0.1086	0.1139	0.1139	0.1086	0.1163	0.2016	0.1148	0.3861	0.3463	0.1196	0.2732
2.0000	0.3824	0.3736	0.3736	0.3824	0.3712	0.2732	0.3754	0.2106	0.1901	0.3742	0.1512
3.0000	0.0496	0.0562	0.0562	0.0496	0.0522	0.0356	0.0516	0.0681	0.0752	0.0504	0.0770
4.0000	0.0093	0.0130	0.0130	0.0093	0.0144	0.0472	0.0126	0.0145	0.0232	0.0137	0.0361
5.0000	0.0044	0.0010	0.0010	0.0044	0.0014	0.0011	0.0017	0.0021	0.0057	0.0012	0.0154
6.0000	0.0000	0.0002	0.0002	0.0000	0.0002	0.0049	0.0003	0.0002	0.0011	0.0002	0.0058
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0019
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0005
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0065	0.0065	0.0065	0.0027	0.0300	0.0040	0.2400	0.1700	0.0300	0.0200
pe		0.0505	0.0505	0.0505	0.0538	0.4700	0.0388	0.8700	0.8500	0.0400	0.8500
Schedule		134.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.6454	0.6503	0.6502	0.6454	0.6480	0.6541	0.6478	0.5699	0.6315	0.6481	0.6492
1.0000	0.2035	0.1953	0.1952	0.2035	0.1979	0.1801	0.1984	0.3296	0.2435	0.1966	0.2218
2.0000	0.1227	0.1206	0.1206	0.1227	0.1237	0.1452	0.1232	0.0858	0.0860	0.1248	0.0833
3.0000	0.0202	0.0245	0.0246	0.0202	0.0221	0.0074	0.0220	0.0132	0.0279	0.0226	0.0306
4.0000	0.0044	0.0084	0.0084	0.0044	0.0072	0.0124	0.0073	0.0013	0.0082	0.0070	0.0106
5.0000	0.0033	0.0006	0.0006	0.0033	0.0009	0.0001	0.0010	0.0001	0.0022	0.0008	0.0034
6.0000	0.0005	0.0002	0.0002	0.0005	0.0002	0.0007	0.0002	0.0000	0.0005	0.0002	0.0009
7.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0139	0.0136	0.0141	0.0073	0.0100	0.0068	0.2300	0.0500	0.0200	0.0000
pe		0.0615	0.0622	0.0624	0.0395	0.2000	0.0364	0.5100	0.2600	0.0500	0.2300

Schedule		135.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.2079	0.1968	0.1968	0.2079	0.2124	0.3127	0.2074	0.1432	0.1461	0.1770	0.1749
1.0000	0.0998	0.1163	0.1163	0.0998	0.1270	0.0866	0.1165	0.3072	0.3063	0.1633	0.2968
2.0000	0.5041	0.4978	0.4977	0.5041	0.4506	0.3742	0.4833	0.2966	0.2932	0.4845	0.2637
3.0000	0.1102	0.1051	0.1051	0.1102	0.1017	0.0478	0.1014	0.1697	0.1688	0.0742	0.1594
4.0000	0.0666	0.0714	0.0714	0.0666	0.1023	0.1430	0.0803	0.0637	0.0647	0.0947	0.0718
5.0000	0.0082	0.0085	0.0085	0.0082	0.0054	0.0047	0.0087	0.0164	0.0172	0.0047	0.0250
6.0000	0.0022	0.0037	0.0037	0.0022	0.0006	0.0279	0.0022	0.0029	0.0032	0.0015	0.0067
7.0000	0.0011	0.0004	0.0004	0.0011	0.0000	0.0001	0.0002	0.0004	0.0004	0.0000	0.0014
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0029	0.0000	0.0000	0.0000	0.0000	0.0002
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0140	0.0140	0.0140	0.0057	0.1300	0.0006	0.0800	0.0800	0.0100	0.0400
pe		0.0446	0.0446	0.0446	0.1646	0.4100	0.0775	0.6200	0.6200	0.0600	0.6500
Schedule		136.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.2062	0.1899	0.1899	0.2062	0.2072	0.2592	0.2007	0.1342	0.1357	0.1670	0.1645
1.0000	0.1026	0.1214	0.1214	0.1026	0.1360	0.1389	0.1208	0.2985	0.2982	0.1783	0.2904
2.0000	0.4681	0.4617	0.4617	0.4681	0.4141	0.3557	0.4566	0.2988	0.2971	0.4470	0.2667
3.0000	0.1342	0.1339	0.1339	0.1342	0.1227	0.0824	0.1257	0.1772	0.1767	0.0963	0.1658
4.0000	0.0698	0.0744	0.0744	0.0698	0.1076	0.1290	0.0770	0.0690	0.0694	0.1002	0.0764
5.0000	0.0158	0.0145	0.0144	0.0158	0.0111	0.0087	0.0152	0.0184	0.0188	0.0095	0.0271
6.0000	0.0033	0.0036	0.0037	0.0033	0.0012	0.0234	0.0036	0.0034	0.0036	0.0015	0.0074
7.0000	0.0000	0.0006	0.0006	0.0000	0.0000	0.0002	0.0003	0.0004	0.0005	0.0001	0.0015
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0025	0.0000	0.0000	0.0000	0.0000	0.0002
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0206	0.0206	0.0205	0.0013	0.0600	0.0069	0.1000	0.0900	0.0400	0.0600
pe		0.0407	0.0410	0.0410	0.1808	0.3700	0.0587	0.5200	0.5200	0.1900	0.5600
Schedule		137.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.6978	0.6953	0.6952	0.6978	0.6931	0.6961	0.6932	0.6233	0.6795	0.6942	0.6961
1.0000	0.1735	0.1786	0.1786	0.1735	0.1811	0.1701	0.1809	0.3018	0.2196	0.1783	0.1984
2.0000	0.1031	0.1019	0.1019	0.1031	0.1043	0.1198	0.1036	0.0657	0.0711	0.1052	0.0694
3.0000	0.0207	0.0178	0.0178	0.0207	0.0158	0.0049	0.0162	0.0085	0.0217	0.0166	0.0244
4.0000	0.0049	0.0060	0.0060	0.0049	0.0052	0.0086	0.0054	0.0007	0.0061	0.0050	0.0082
5.0000	0.0000	0.0003	0.0003	0.0000	0.0005	0.0000	0.0005	0.0000	0.0016	0.0005	0.0025
6.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0004	0.0001	0.0000	0.0003	0.0001	0.0007
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0084	0.0085	0.0084	0.0156	0.0100	0.0152	0.2600	0.0700	0.0500	0.0100
pe		0.0355	0.0354	0.0355	0.0483	0.1300	0.0447	0.6000	0.2700	0.2200	0.2300

Schedule		138.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3590	0.3542	0.3542	0.3590	0.3540	0.4196	0.3535	0.2789	0.2921	0.3489	0.3430
1.0000	0.1800	0.1910	0.1910	0.1800	0.1947	0.1670	0.1939	0.3799	0.3680	0.2001	0.3237
2.0000	0.3884	0.3777	0.3777	0.3884	0.3765	0.3021	0.3787	0.2328	0.2243	0.3797	0.1938
3.0000	0.0513	0.0544	0.0544	0.0513	0.0513	0.0374	0.0508	0.0845	0.0867	0.0488	0.0902
4.0000	0.0185	0.0209	0.0209	0.0185	0.0212	0.0640	0.0210	0.0201	0.0235	0.0204	0.0346
5.0000	0.0027	0.0014	0.0014	0.0027	0.0019	0.0015	0.0019	0.0033	0.0046	0.0018	0.0111
6.0000	0.0000	0.0003	0.0003	0.0000	0.0004	0.0079	0.0002	0.0004	0.0007	0.0004	0.0030
7.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0006
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000	0.0000	0.0000	0.0001
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0075	0.0075	0.0075	0.0078	0.0900	0.0086	0.1300	0.1100	0.0200	0.0300
pe		0.0451	0.0451	0.0451	0.0476	0.2700	0.0431	0.6100	0.6100	0.0300	0.6400
Schedule		139.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1948	0.1862	0.1862	0.1948	0.1910	0.2542	0.1889	0.1119	0.1398	0.1600	0.1555
1.0000	0.1348	0.1506	0.1505	0.1348	0.1556	0.0990	0.1535	0.2740	0.2709	0.1796	0.2678
2.0000	0.3732	0.3546	0.3546	0.3732	0.3489	0.3706	0.3583	0.3019	0.2708	0.3756	0.2557
3.0000	0.1457	0.1489	0.1489	0.1457	0.1407	0.0712	0.1404	0.1971	0.1818	0.1327	0.1738
4.0000	0.1217	0.1343	0.1343	0.1217	0.1363	0.1586	0.1293	0.0844	0.0900	0.1301	0.0915
5.0000	0.0207	0.0173	0.0173	0.0207	0.0193	0.0090	0.0207	0.0248	0.0341	0.0155	0.0385
6.0000	0.0071	0.0065	0.0065	0.0071	0.0075	0.0332	0.0080	0.0051	0.0099	0.0061	0.0129
7.0000	0.0016	0.0012	0.0013	0.0016	0.0006	0.0003	0.0008	0.0007	0.0022	0.0004	0.0034
8.0000	0.0005	0.0004	0.0004	0.0005	0.0001	0.0039	0.0002	0.0001	0.0003	0.0001	0.0007
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0106	0.0107	0.0106	0.0047	0.0800	0.0073	0.1000	0.0600	0.0200	0.0400
pe		0.0678	0.0679	0.0679	0.0843	0.2300	0.0602	0.3800	0.4000	0.0500	0.4100
Schedule		140.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2013	0.1950	0.1949	0.2013	0.1963	0.2591	0.1928	0.1154	0.1441	0.1685	0.1631
1.0000	0.1364	0.1496	0.1494	0.1364	0.1560	0.1000	0.1548	0.2781	0.2741	0.1770	0.2698
2.0000	0.3688	0.3516	0.3512	0.3688	0.3493	0.3705	0.3620	0.3017	0.2699	0.3737	0.2520
3.0000	0.1457	0.1454	0.1456	0.1457	0.1381	0.0697	0.1364	0.1939	0.1790	0.1313	0.1699
4.0000	0.1173	0.1349	0.1353	0.1173	0.1354	0.1558	0.1261	0.0818	0.0878	0.1295	0.0896
5.0000	0.0218	0.0164	0.0164	0.0218	0.0176	0.0085	0.0190	0.0237	0.0330	0.0142	0.0381
6.0000	0.0082	0.0057	0.0057	0.0082	0.0066	0.0322	0.0078	0.0048	0.0096	0.0053	0.0131
7.0000	0.0005	0.0011	0.0011	0.0005	0.0005	0.0002	0.0009	0.0007	0.0021	0.0003	0.0035
8.0000	0.0000	0.0004	0.0004	0.0000	0.0001	0.0037	0.0003	0.0001	0.0003	0.0001	0.0007
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0078	0.0080	0.0079	0.0063	0.0700	0.0106	0.1100	0.0700	0.0400	0.0500
pe		0.0716	0.0722	0.0721	0.0885	0.2400	0.0591	0.3700	0.3900	0.1000	0.4100

Schedule		141.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.7774	0.7792	0.7791	0.7774	0.7779	0.7775	0.7780	0.7403	0.7728	0.7779	0.7797
1.0000	0.1609	0.1560	0.1560	0.1609	0.1589	0.1570	0.1586	0.2260	0.1734	0.1585	0.1633
2.0000	0.0524	0.0542	0.0542	0.0524	0.0542	0.0604	0.0543	0.0310	0.0417	0.0545	0.0425
3.0000	0.0065	0.0087	0.0087	0.0065	0.0075	0.0021	0.0076	0.0025	0.0096	0.0076	0.0110
4.0000	0.0027	0.0017	0.0017	0.0027	0.0013	0.0028	0.0014	0.0001	0.0020	0.0013	0.0027
5.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0000	0.0001	0.0000	0.0004	0.0001	0.0006
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0001
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0080	0.0077	0.0081	0.0022	0.0100	0.0027	0.1800	0.0300	0.0100	0.0100
pe		0.0449	0.0454	0.0453	0.0283	0.0900	0.0301	0.4100	0.0900	0.0500	0.0900
Schedule		142.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.3781	0.3724	0.3724	0.3781	0.3647	0.3777	0.3627	0.2465	0.3221	0.3588	0.3538
1.0000	0.1779	0.1870	0.1870	0.1779	0.2000	0.1773	0.1996	0.3706	0.3118	0.1998	0.2881
2.0000	0.2831	0.2636	0.2636	0.2831	0.2787	0.3131	0.2839	0.2506	0.1992	0.2863	0.1808
3.0000	0.0998	0.1142	0.1142	0.0998	0.0969	0.0482	0.0952	0.1004	0.1015	0.0992	0.0984
4.0000	0.0447	0.0544	0.0544	0.0447	0.0475	0.0713	0.0441	0.0264	0.0434	0.0455	0.0476
5.0000	0.0142	0.0059	0.0059	0.0142	0.0094	0.0023	0.0109	0.0048	0.0158	0.0083	0.0204
6.0000	0.0022	0.0016	0.0016	0.0022	0.0025	0.0092	0.0033	0.0006	0.0048	0.0020	0.0077
7.0000	0.0000	0.0008	0.0008	0.0000	0.0002	0.0000	0.0004	0.0001	0.0012	0.0002	0.0024
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0007	0.0001	0.0000	0.0002	0.0000	0.0006
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0091	0.0091	0.0091	0.0215	0.0000	0.0248	0.2200	0.0900	0.0300	0.0400
pe		0.1004	0.1004	0.1004	0.0603	0.2100	0.0524	0.4200	0.3400	0.0500	0.3700
Schedule		143.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.7927	0.7929	0.7928	0.7927	0.7925	0.7741	0.7920	0.7486	0.7873	0.7939	0.7968
1.0000	0.1429	0.1429	0.1429	0.1429	0.1426	0.1724	0.1441	0.2199	0.1581	0.1396	0.1448
2.0000	0.0540	0.0524	0.0524	0.0540	0.0551	0.0495	0.0533	0.0291	0.0407	0.0559	0.0412
3.0000	0.0076	0.0089	0.0089	0.0076	0.0080	0.0021	0.0080	0.0023	0.0106	0.0086	0.0124
4.0000	0.0022	0.0026	0.0026	0.0022	0.0017	0.0018	0.0023	0.0001	0.0026	0.0017	0.0036
5.0000	0.0005	0.0003	0.0003	0.0005	0.0002	0.0000	0.0003	0.0000	0.0006	0.0002	0.0010
6.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0002
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0008	0.0006	8.0825	0.0010	0.0800	0.0034	0.2000	0.0100	0.0200	0.0300
pe		0.0176	0.0176	0.0177	0.0125	0.1900	0.0125	0.5200	0.1400	0.0500	0.1000

Schedule		144.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4364	0.4306	0.4306	0.4364	0.4320	0.4205	0.4306	0.2947	0.3506	0.4287	0.4250
1.0000	0.1015	0.1112	0.1112	0.1015	0.1132	0.1913	0.1133	0.3830	0.3313	0.1152	0.2684
2.0000	0.3759	0.3642	0.3642	0.3759	0.3652	0.2857	0.3680	0.2240	0.1919	0.3682	0.1541
3.0000	0.0518	0.0622	0.0622	0.0518	0.0581	0.0392	0.0565	0.0776	0.0845	0.0576	0.0823
4.0000	0.0306	0.0288	0.0288	0.0306	0.0273	0.0551	0.0274	0.0176	0.0302	0.0266	0.0407
5.0000	0.0038	0.0025	0.0025	0.0038	0.0033	0.0015	0.0036	0.0028	0.0089	0.0030	0.0185
6.0000	0.0000	0.0004	0.0004	0.0000	0.0007	0.0064	0.0005	0.0003	0.0021	0.0006	0.0075
7.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0000	0.0001	0.0000	0.0004	0.0000	0.0027
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	0.0001	0.0000	0.0008
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0103	0.0103	0.0103	0.0078	0.0300	0.0103	0.2600	0.1600	0.0200	0.0300
pe		0.0627	0.0627	0.0627	0.0591	0.4100	0.0504	0.8400	0.8000	0.0500	0.8200

Schedule		145.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.5690	0.5705	0.5705	0.5690	0.5670	0.5737	0.5669	0.4843	0.5522	0.5675	0.5680
1.0000	0.2313	0.2318	0.2317	0.2313	0.2351	0.2110	0.2355	0.3642	0.2773	0.2317	0.2590
2.0000	0.1517	0.1434	0.1434	0.1517	0.1478	0.1806	0.1461	0.1232	0.1129	0.1500	0.1089
3.0000	0.0316	0.0388	0.0389	0.0316	0.0364	0.0146	0.0369	0.0247	0.0403	0.0377	0.0423
4.0000	0.0125	0.0132	0.0132	0.0125	0.0118	0.0186	0.0124	0.0033	0.0128	0.0114	0.0151
5.0000	0.0033	0.0018	0.0018	0.0033	0.0016	0.0002	0.0018	0.0003	0.0036	0.0015	0.0048
6.0000	0.0005	0.0004	0.0004	0.0005	0.0003	0.0013	0.0004	0.0000	0.0009	0.0003	0.0014
7.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0003
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0036	0.0035	0.0036	0.0046	0.0100	0.0049	0.2000	0.0400	0.0100	0.0100
pe		0.0426	0.0427	0.0426	0.0350	0.1900	0.0390	0.4200	0.2300	0.0200	0.2100

Schedule		146.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4141	0.4027	0.4026	0.4141	0.3987	0.4012	0.3993	0.2776	0.3540	0.3997	0.3952
1.0000	0.1724	0.1897	0.1896	0.1724	0.1935	0.1916	0.1961	0.3796	0.3133	0.1859	0.2800
2.0000	0.2728	0.2523	0.2523	0.2728	0.2748	0.2960	0.2659	0.2335	0.1874	0.2781	0.1656
3.0000	0.0862	0.1010	0.1011	0.0862	0.0861	0.0430	0.0883	0.0851	0.0905	0.0915	0.0880
4.0000	0.0469	0.0490	0.0490	0.0469	0.0399	0.0591	0.0432	0.0204	0.0370	0.0389	0.0425
5.0000	0.0071	0.0045	0.0045	0.0071	0.0058	0.0017	0.0061	0.0033	0.0129	0.0051	0.0185
6.0000	0.0005	0.0007	0.0007	0.0005	0.0010	0.0069	0.0010	0.0004	0.0038	0.0008	0.0071
7.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0000	0.0001	0.0000	0.0009	0.0001	0.0023
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000	0.0002	0.0000	0.0006
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0194	0.0986	0.0195	0.0263	0.0100	0.0253	0.2200	0.0900	0.0200	0.0300
pe		0.0985	0.0986	0.0984	0.0548	0.1900	0.0649	0.4700	0.4200	0.0500	0.4100

Schedule		147.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.8309	0.8284	0.8284	0.8309	0.8278	0.8217	0.8266	0.7725	0.8194	0.8303	0.8320
1.0000	0.0949	0.1017	0.1017	0.0949	0.1038	0.1110	0.1041	0.2020	0.1284	0.0992	0.1120
2.0000	0.0655	0.0581	0.0581	0.0655	0.0584	0.0622	0.0597	0.0238	0.0364	0.0590	0.0359
3.0000	0.0060	0.0089	0.0089	0.0060	0.0073	0.0014	0.0074	0.0017	0.0112	0.0087	0.0130
4.0000	0.0027	0.0026	0.0026	0.0027	0.0024	0.0035	0.0020	0.0001	0.0034	0.0025	0.0048
5.0000	0.0000	0.0003	0.0003	0.0000	0.0002	0.0000	0.0002	0.0000	0.0010	0.0003	0.0017
6.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0002	0.0000	0.0000	0.0002	0.0000	0.0005
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0150	0.0150	0.0149	0.0183	0.0500	0.0254	0.3400	0.0600	0.0000	0.0100
pe		0.1043	0.1043	0.1043	0.1053	0.1200	0.1023	0.9400	0.4100	0.0600	0.3500
Schedule		148.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.6427	0.6395	0.6393	0.6427	0.6376	0.6355	0.6365	0.5579	0.6246	0.6399	0.6423
1.0000	0.1964	0.2046	0.2043	0.1964	0.2053	0.1988	0.2075	0.3352	0.2437	0.2000	0.2224
2.0000	0.1249	0.1182	0.1183	0.1249	0.1227	0.1436	0.1215	0.0906	0.0890	0.1243	0.0858
3.0000	0.0256	0.0263	0.0264	0.0256	0.0251	0.0090	0.0241	0.0145	0.0301	0.0267	0.0325
4.0000	0.0087	0.0094	0.0094	0.0087	0.0079	0.0122	0.0082	0.0015	0.0093	0.0079	0.0117
5.0000	0.0011	0.0015	0.0016	0.0011	0.0011	0.0001	0.0016	0.0001	0.0026	0.0011	0.0038
6.0000	0.0005	0.0005	0.0005	0.0005	0.0002	0.0007	0.0004	0.0000	0.0006	0.0002	0.0011
7.0000	0.0000	0.0001	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0003
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0090	0.0096	0.0088	0.0143	0.0100	0.0174	0.2300	0.0400	0.0000	0.0000
pe		0.0472	0.0467	0.0468	0.0355	0.1100	0.0479	0.5300	0.2500	0.0300	0.2200
Schedule		149.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.4534	0.4371	0.4371	0.4534	0.4484	0.4227	0.4471	0.3130	0.3686	0.4501	0.4437
1.0000	0.1124	0.1259	0.1259	0.1124	0.1160	0.2142	0.1204	0.3855	0.3315	0.1114	0.2654
2.0000	0.3432	0.3402	0.3402	0.3432	0.3509	0.2714	0.3453	0.2137	0.1844	0.3504	0.1481
3.0000	0.0693	0.0729	0.0729	0.0693	0.0663	0.0391	0.0657	0.0702	0.0784	0.0701	0.0777
4.0000	0.0191	0.0215	0.0215	0.0191	0.0161	0.0462	0.0193	0.0151	0.0271	0.0160	0.0379
5.0000	0.0027	0.0020	0.0020	0.0027	0.0019	0.0013	0.0020	0.0022	0.0078	0.0018	0.0170
6.0000	0.0000	0.0002	0.0002	0.0000	0.0002	0.0048	0.0002	0.0002	0.0018	0.0002	0.0069
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0024
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0007
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0297	0.0297	0.0297	0.0091	0.0500	0.0115	0.2500	0.1500	0.0000	0.0100
pe		0.0428	0.0428	0.0428	0.0335	0.4400	0.0271	0.7500	0.7500	0.0200	0.7300

Schedule		150.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.7152	0.7129	0.7129	0.7152	0.7112	0.7107	0.7114	0.6608	0.7041	0.7124	0.7134
1.0000	0.1839	0.1897	0.1896	0.1839	0.1924	0.1884	0.1917	0.2795	0.2134	0.1895	0.2006
2.0000	0.0840	0.0790	0.0790	0.0840	0.0804	0.0912	0.0801	0.0532	0.0613	0.0815	0.0613
3.0000	0.0142	0.0145	0.0145	0.0142	0.0131	0.0043	0.0137	0.0060	0.0163	0.0137	0.0181
4.0000	0.0022	0.0033	0.0033	0.0022	0.0027	0.0052	0.0028	0.0004	0.0039	0.0027	0.0050
5.0000	0.0005	0.0005	0.0005	0.0005	0.0003	0.0000	0.0003	0.0000	0.0008	0.0003	0.0012
6.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0002	0.0000	0.0000	0.0002	0.0000	0.0003
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0080	0.0081	0.0079	0.0140	0.0300	0.0133	0.2100	0.0600	0.0300	0.0300
pe		0.0432	0.0432	0.0432	0.0488	0.1100	0.0456	0.5000	0.1800	0.0400	0.1800
Schedule		151.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.1839	0.1761	0.1796	0.1839	0.1726	0.2164	0.1676	0.0881	0.1297	0.1365	0.1305
1.0000	0.1162	0.1418	0.1431	0.1162	0.1506	0.0936	0.1491	0.2422	0.2444	0.1738	0.2444
2.0000	0.3415	0.2701	0.2678	0.3415	0.3109	0.3659	0.3278	0.2998	0.2546	0.3405	0.2539
3.0000	0.1615	0.1858	0.1844	0.1615	0.1587	0.0849	0.1566	0.2198	0.1887	0.1568	0.1881
4.0000	0.1413	0.1844	0.1833	0.1413	0.1505	0.1786	0.1371	0.1058	0.1082	0.1463	0.1082
5.0000	0.0322	0.0300	0.0298	0.0322	0.0379	0.0135	0.0403	0.0349	0.0496	0.0316	0.0498
6.0000	0.0175	0.0076	0.0076	0.0175	0.0165	0.0411	0.0184	0.0080	0.0182	0.0130	0.0184
7.0000	0.0055	0.0031	0.0031	0.0055	0.0018	0.0005	0.0024	0.0013	0.0052	0.0012	0.0053
8.0000	0.0005	0.0012	0.0013	0.0005	0.0005	0.0053	0.0006	0.0001	0.0011	0.0003	0.0012
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0096	0.0053	0.0035	0.0138	0.0400	0.0200	0.1100	0.0600	0.0500	0.0600
pe		0.2201	0.2218	0.2217	0.1071	0.2600	0.0832	0.3400	0.3700	0.1000	0.3700
Schedule		152.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.3955	0.3896	0.3894	0.3955	0.3964	0.4233	0.3935	0.2602	0.3220	0.3906	0.3855
1.0000	0.1238	0.1309	0.1308	0.1238	0.1295	0.1305	0.1322	0.3750	0.3241	0.1320	0.2749
2.0000	0.3682	0.3466	0.3464	0.3682	0.3487	0.3240	0.3540	0.2432	0.2024	0.3550	0.1670
3.0000	0.0666	0.0835	0.0837	0.0666	0.0792	0.0325	0.0742	0.0935	0.0970	0.0793	0.0921
4.0000	0.0338	0.0435	0.0437	0.0338	0.0393	0.0773	0.0370	0.0236	0.0380	0.0373	0.0465
5.0000	0.0082	0.0041	0.0041	0.0082	0.0053	0.0014	0.0066	0.0041	0.0123	0.0046	0.0213
6.0000	0.0033	0.0010	0.0011	0.0033	0.0014	0.0102	0.0022	0.0005	0.0033	0.0011	0.0087
7.0000	0.0005	0.0005	0.0006	0.0005	0.0001	0.0000	0.0003	0.0000	0.0007	0.0001	0.0031
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0007	0.0001	0.0000	0.0001	0.0000	0.0009
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0098	0.0100	0.0095	0.0015	0.0400	0.0033	0.2300	0.1300	0.0200	0.0200
pe		0.1022	0.1032	0.1031	0.0802	0.2300	0.0602	0.7000	0.6700	0.0700	0.6800

Schedule		153.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.5788	0.5762	0.5762	0.5788	0.5755	0.5849	0.5755	0.5011	0.5589	0.5739	0.5737
1.0000	0.2286	0.2369	0.2369	0.2286	0.2373	0.2138	0.2375	0.3585	0.2821	0.2380	0.2644
2.0000	0.1517	0.1421	0.1421	0.1517	0.1444	0.1703	0.1431	0.1154	0.1092	0.1457	0.1061
3.0000	0.0300	0.0331	0.0331	0.0300	0.0324	0.0133	0.0331	0.0220	0.0361	0.0323	0.0384
4.0000	0.0087	0.0102	0.0102	0.0087	0.0093	0.0164	0.0098	0.0028	0.0104	0.0090	0.0126
5.0000	0.0022	0.0012	0.0012	0.0022	0.0010	0.0001	0.0009	0.0002	0.0026	0.0009	0.0037
6.0000	0.0000	0.0003	0.0003	0.0000	0.0002	0.0011	0.0001	0.0000	0.0006	0.0001	0.0009
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0062	0.0062	0.0062	0.0078	0.0100	0.0078	0.1900	0.0500	0.0100	0.0100
pe		0.0566	0.0566	0.0566	0.0484	0.1400	0.0548	0.4300	0.2400	0.0500	0.2400
Schedule		154.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.3873	0.3853	0.3853	0.3873	0.3888	0.4068	0.3869	0.2679	0.3124	0.3795	0.3781
1.0000	0.1353	0.1374	0.1374	0.1353	0.1433	0.1674	0.1417	0.3772	0.3391	0.1523	0.2862
2.0000	0.3764	0.3536	0.3536	0.3764	0.3512	0.3085	0.3612	0.2389	0.2098	0.3580	0.1725
3.0000	0.0698	0.0908	0.0908	0.0698	0.0832	0.0398	0.0781	0.0897	0.0940	0.0791	0.0915
4.0000	0.0207	0.0295	0.0295	0.0207	0.0295	0.0669	0.0263	0.0221	0.0329	0.0277	0.0435
5.0000	0.0087	0.0024	0.0024	0.0087	0.0035	0.0017	0.0048	0.0037	0.0092	0.0030	0.0185
6.0000	0.0016	0.0007	0.0008	0.0016	0.0005	0.0082	0.0010	0.0004	0.0021	0.0004	0.0069
7.0000	0.0000	0.0003	0.0003	0.0000	0.0000	0.0000	0.0001	0.0000	0.0004	0.0000	0.0022
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0006	0.0000	0.0000	0.0000	0.0000	0.0006
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0033	0.0033	0.0033	0.0024	0.0300	0.0007	0.2000	0.1300	0.0200	0.0200
pe		0.1014	0.1015	0.1014	0.1007	0.3100	0.0654	0.6700	0.6600	0.1000	0.6900
Schedule		155.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.3492	0.3465	0.3465	0.3492	0.3426	0.4042	0.3423	0.2624	0.2853	0.3374	0.3294
1.0000	0.1839	0.1900	0.1900	0.1839	0.1949	0.1646	0.1947	0.3756	0.3563	0.1985	0.3201
2.0000	0.3682	0.3630	0.3630	0.3682	0.3676	0.3096	0.3688	0.2420	0.2262	0.3727	0.1985
3.0000	0.0666	0.0680	0.0680	0.0666	0.0630	0.0408	0.0626	0.0924	0.0951	0.0616	0.0961
4.0000	0.0289	0.0296	0.0296	0.0289	0.0279	0.0694	0.0272	0.0231	0.0291	0.0263	0.0384
5.0000	0.0033	0.0021	0.0021	0.0033	0.0032	0.0018	0.0035	0.0040	0.0067	0.0028	0.0129
6.0000	0.0000	0.0005	0.0005	0.0000	0.0008	0.0090	0.0008	0.0005	0.0012	0.0006	0.0036
7.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0000	0.0001	0.0000	0.0002	0.0000	0.0008
8.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0007	0.0000	0.0000	0.0000	0.0000	0.0001
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0041	0.0042	0.0041	0.0101	0.0800	0.0106	0.1300	0.1000	0.0200	0.0300
pe		0.0235	0.0237	0.0235	0.0264	0.2500	0.0280	0.5400	0.5200	0.0500	0.5500

Schedule		156.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4452	0.4447	0.4447	0.4452	0.4437	0.4770	0.4434	0.3204	0.3559	0.4388	0.4372
1.0000	0.1091	0.1123	0.1123	0.1091	0.1164	0.1402	0.1148	0.3862	0.3505	0.1216	0.2760
2.0000	0.3863	0.3790	0.3790	0.3863	0.3760	0.2932	0.3796	0.2095	0.1913	0.3797	0.1522
3.0000	0.0453	0.0508	0.0508	0.0453	0.0491	0.0245	0.0486	0.0674	0.0740	0.0458	0.0767
4.0000	0.0125	0.0119	0.0119	0.0125	0.0135	0.0576	0.0120	0.0142	0.0220	0.0129	0.0354
5.0000	0.0016	0.0009	0.0009	0.0016	0.0011	0.0008	0.0013	0.0021	0.0052	0.0010	0.0148
6.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0064	0.0002	0.0002	0.0010	0.0001	0.0055
7.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0018
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0005
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0009	0.0009	8.7455	0.0027	0.0500	0.0032	0.2400	0.1700	0.0200	0.0200
pe		0.0317	0.0317	0.0317	0.0415	0.3600	0.0301	0.8700	0.8700	0.0400	0.8700
Schedule		157.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.7256	0.7229	0.7229	0.7256	0.7210	0.7178	0.7203	0.6481	0.7095	0.7234	0.7250
1.0000	0.1538	0.1600	0.1600	0.1538	0.1636	0.1611	0.1630	0.2873	0.1973	0.1588	0.1777
2.0000	0.0971	0.0934	0.0934	0.0971	0.0937	0.1088	0.0950	0.0573	0.0641	0.0946	0.0624
3.0000	0.0175	0.0172	0.0172	0.0175	0.0156	0.0042	0.0160	0.0068	0.0206	0.0171	0.0229
4.0000	0.0060	0.0056	0.0056	0.0060	0.0053	0.0077	0.0049	0.0005	0.0063	0.0053	0.0082
5.0000	0.0000	0.0007	0.0007	0.0000	0.0006	0.0000	0.0006	0.0000	0.0017	0.0006	0.0027
6.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0004	0.0001	0.0000	0.0004	0.0001	0.0008
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0099	0.0099	0.0099	0.0168	0.0500	0.0193	0.3000	0.0800	0.0200	0.0200
pe		0.0419	0.0419	0.0419	0.0601	0.1100	0.0532	0.7000	0.2600	0.0400	0.2600
Schedule		158.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.6890	0.6704	0.6704	0.6890	0.6747	0.6609	0.6739	0.6101	0.6759	0.6862	0.6849
1.0000	0.1822	0.2080	0.2080	0.1822	0.2078	0.2230	0.2068	0.3091	0.2152	0.1842	0.2039
2.0000	0.0955	0.0878	0.0878	0.0955	0.0914	0.0982	0.0898	0.0705	0.0739	0.0980	0.0727
3.0000	0.0240	0.0251	0.0251	0.0240	0.0206	0.0101	0.0232	0.0095	0.0246	0.0254	0.0259
4.0000	0.0093	0.0070	0.0070	0.0093	0.0047	0.0071	0.0055	0.0008	0.0076	0.0054	0.0088
5.0000	0.0000	0.0014	0.0014	0.0000	0.0007	0.0001	0.0008	0.0001	0.0022	0.0008	0.0027
6.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0005	0.0001	0.0000	0.0005	0.0001	0.0008
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0597	0.0597	0.0597	0.0460	0.0900	0.0486	0.2600	0.0500	0.0100	0.0200
pe		0.1238	0.1238	0.1238	0.1238	0.1900	0.1151	0.5800	0.1600	0.0300	0.1600

Schedule	159.0000

level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.3846	0.3777	0.3777	0.3846	0.3806	0.4372	0.3798	0.2606	0.2973	0.3664	0.3666
1.0000	0.1118	0.1267	0.1266	0.1118	0.1308	0.1124	0.1273	0.3751	0.3445	0.1451	0.2895
2.0000	0.4015	0.3940	0.3939	0.4015	0.3807	0.3275	0.3897	0.2430	0.2179	0.3934	0.1771
3.0000	0.0704	0.0679	0.0680	0.0704	0.0682	0.0281	0.0672	0.0932	0.0967	0.0588	0.0941
4.0000	0.0278	0.0293	0.0294	0.0278	0.0355	0.0814	0.0312	0.0235	0.0327	0.0324	0.0445
5.0000	0.0022	0.0027	0.0027	0.0022	0.0033	0.0013	0.0036	0.0041	0.0087	0.0029	0.0187
6.0000	0.0016	0.0011	0.0012	0.0016	0.0008	0.0112	0.0011	0.0005	0.0018	0.0009	0.0068
7.0000	0.0000	0.0004	0.0004	0.0000	0.0000	0.0000	0.0001	0.0000	0.0003	0.0000	0.0021
8.0000	0.0000	0.0001	0.0002	0.0000	0.0000	0.0008	0.0000	0.0000	0.0000	0.0000	0.0005
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0112	0.0113	0.0111	0.0065	0.0900	0.0078	0.1900	0.1300	0.0200	0.0200
pe		0.0455	0.0455	0.0455	0.0838	0.2900	0.0583	0.7300	0.7300	0.1000	0.7600
Schedule		160.0000									

level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.6170	0.6173	0.6173	0.6170	0.6136	0.6185	0.6133	0.5358	0.5980	0.6140	0.6143
1.0000	0.2089	0.2121	0.2121	0.2089	0.2171	0.2003	0.2172	0.3450	0.2605	0.2147	0.2408
2.0000	0.1397	0.1297	0.1297	0.1397	0.1325	0.1560	0.1325	0.1000	0.0967	0.1340	0.0937
3.0000	0.0224	0.0305	0.0306	0.0224	0.0273	0.0102	0.0272	0.0172	0.0321	0.0281	0.0345
4.0000	0.0109	0.0093	0.0094	0.0109	0.0084	0.0140	0.0084	0.0019	0.0095	0.0082	0.0118
5.0000	0.0005	0.0007	0.0007	0.0005	0.0010	0.0001	0.0012	0.0001	0.0025	0.0009	0.0036
6.0000	0.0005	0.0002	0.0002	0.0005	0.0002	0.0009	0.0003	0.0000	0.0006	0.0002	0.0010
7.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0008	0.0007	8.2628	0.0089	0.0000	0.0097	0.2200	0.0600	0.0200	0.0200
pe		0.0613	0.0613	0.0612	0.0616	0.1100	0.0619	0.5000	0.2600	0.0500	0.2400
Schedule		161.0000									

level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.3524	0.3501	0.3500	0.3524	0.3496	0.4215	0.3492	0.2751	0.2884	0.3436	0.3378
1.0000	0.1839	0.1913	0.1913	0.1839	0.1921	0.1564	0.1924	0.3748	0.3634	0.1980	0.3223
2.0000	0.3824	0.3742	0.3742	0.3824	0.3764	0.3040	0.3762	0.2341	0.2251	0.3805	0.1946
3.0000	0.0535	0.0549	0.0549	0.0535	0.0529	0.0372	0.0532	0.0886	0.0903	0.0502	0.0919
4.0000	0.0251	0.0271	0.0271	0.0251	0.0258	0.0688	0.0261	0.0226	0.0260	0.0247	0.0363
5.0000	0.0022	0.0020	0.0020	0.0022	0.0025	0.0018	0.0023	0.0041	0.0057	0.0023	0.0123
6.0000	0.0005	0.0004	0.0004	0.0005	0.0007	0.0094	0.0006	0.0005	0.0010	0.0006	0.0036
7.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001	0.0000	0.0009
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0008	0.0000	0.0000	0.0000	0.0000	0.0002
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0036	0.0036	0.0036	0.0043	0.1100	0.0049	0.1200	0.0900	0.0100	0.0200
pe		0.0298	0.0300	0.0300	0.0247	0.2800	0.0250	0.5800	0.5800	0.0300	0.6000

Schedule		162.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.4092	0.4053	0.4052	0.4092	0.4051	0.3895	0.4042	0.2725	0.3303	0.4000	0.3948
1.0000	0.1244	0.1259	0.1258	0.1244	0.1300	0.1989	0.1308	0.3742	0.3262	0.1317	0.2759
2.0000	0.3459	0.3372	0.3371	0.3459	0.3444	0.2929	0.3456	0.2355	0.1985	0.3499	0.1634
3.0000	0.0764	0.0892	0.0893	0.0764	0.0801	0.0478	0.0776	0.0898	0.0930	0.0806	0.0882
4.0000	0.0366	0.0368	0.0369	0.0366	0.0333	0.0603	0.0336	0.0231	0.0360	0.0317	0.0440
5.0000	0.0060	0.0043	0.0042	0.0060	0.0057	0.0023	0.0065	0.0042	0.0118	0.0050	0.0203
6.0000	0.0011	0.0010	0.0010	0.0011	0.0013	0.0076	0.0014	0.0006	0.0033	0.0010	0.0086
7.0000	0.0005	0.0003	0.0004	0.0005	0.0002	0.0000	0.0002	0.0001	0.0008	0.0001	0.0033
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0006	0.0000	0.0000	0.0002	0.0000	0.0011
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0065	0.0067	0.0065	0.0069	0.0300	0.0085	0.2300	0.1400	0.0200	0.0300
pe		0.0429	0.0431	0.0433	0.0252	0.3200	0.0203	0.6600	0.6400	0.0300	0.6400
Schedule		163.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.3983	0.3826	0.3830	0.3983	0.3771	0.3896	0.3782	0.2491	0.3344	0.3753	0.3707
1.0000	0.1577	0.1793	0.1791	0.1577	0.1892	0.1625	0.1891	0.3671	0.3029	0.1819	0.2768
2.0000	0.2711	0.2476	0.2472	0.2711	0.2720	0.3127	0.2659	0.2479	0.1908	0.2786	0.1706
3.0000	0.1037	0.1140	0.1141	0.1037	0.0940	0.0451	0.0968	0.1015	0.0995	0.1002	0.0949
4.0000	0.0486	0.0643	0.0644	0.0486	0.0524	0.0755	0.0538	0.0280	0.0452	0.0511	0.0486
5.0000	0.0169	0.0088	0.0088	0.0169	0.0111	0.0025	0.0118	0.0055	0.0181	0.0099	0.0229
6.0000	0.0038	0.0023	0.0023	0.0038	0.0036	0.0109	0.0037	0.0008	0.0064	0.0027	0.0099
7.0000	0.0000	0.0008	0.0008	0.0000	0.0005	0.0000	0.0005	0.0001	0.0020	0.0003	0.0038
8.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0010	0.0001	0.0000	0.0005	0.0001	0.0013
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0004
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0261	0.0255	0.0243	0.0352	0.0200	0.0334	0.2500	0.1100	0.0400	0.0500
pe		0.1357	0.1366	0.1352	0.0873	0.2500	0.0906	0.4500	0.3800	0.0800	0.4200
Schedule		164.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.8025	0.7967	0.7967	0.8025	0.7964	0.7908	0.7943	0.7500	0.7943	0.8008	0.8020
1.0000	0.1238	0.1387	0.1387	0.1238	0.1398	0.1446	0.1423	0.2183	0.1490	0.1309	0.1387
2.0000	0.0627	0.0505	0.0505	0.0627	0.0523	0.0584	0.0516	0.0291	0.0406	0.0547	0.0406
3.0000	0.0087	0.0104	0.0104	0.0087	0.0090	0.0026	0.0091	0.0024	0.0116	0.0108	0.0129
4.0000	0.0022	0.0030	0.0030	0.0022	0.0022	0.0034	0.0024	0.0001	0.0033	0.0024	0.0041
5.0000	0.0000	0.0005	0.0005	0.0000	0.0003	0.0000	0.0003	0.0000	0.0009	0.0003	0.0012
6.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0002	0.0001	0.0000	0.0002	0.0000	0.0004
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0292	0.0292	0.0292	0.0309	0.0500	0.0415	0.2500	0.0300	0.1000	0.0100
pe		0.1536	0.1536	0.1536	0.1367	0.1500	0.1549	0.7000	0.2500	0.0842	0.2000
Schedule		165.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3519	0.3491	0.3490	0.3519	0.3511	0.3852	0.3492	0.2416	0.2773	0.3346	0.3330
1.0000	0.1457	0.1510	0.1510	0.1457	0.1564	0.1550	0.1549	0.3643	0.3379	0.1732	0.2977
2.0000	0.3688	0.3565	0.3564	0.3688	0.3475	0.3199	0.3562	0.2518	0.2251	0.3592	0.1897
3.0000	0.0851	0.1001	0.1002	0.0851	0.0984	0.0449	0.0958	0.1055	0.1061	0.0905	0.1014
4.0000	0.0420	0.0367	0.0367	0.0420	0.0400	0.0796	0.0362	0.0298	0.0388	0.0370	0.0476
5.0000	0.0060	0.0054	0.0053	0.0060	0.0055	0.0026	0.0062	0.0060	0.0114	0.0047	0.0199
6.0000	0.0005	0.0010	0.0012	0.0005	0.0010	0.0116	0.0013	0.0009	0.0028	0.0008	0.0074
7.0000	0.0000	0.0001	0.0002	0.0000	0.0001	0.0000	0.0001	0.0001	0.0005	0.0001	0.0024
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0011	0.0000	0.0000	0.0001	0.0000	0.0007
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0043	0.0044	0.0043	0.0012	0.0500	0.0042	0.1700	0.1100	0.0200	0.0300
pe		0.0606	0.0612	0.0613	0.0747	0.2300	0.0608	0.5700	0.5500	0.0800	0.5800
Schedule		166.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3131	0.3097	0.3095	0.3131	0.3192	0.3733	0.3160	0.2248	0.2411	0.2904	0.2913
1.0000	0.1522	0.1588	0.1585	0.1522	0.1623	0.1470	0.1582	0.3573	0.3463	0.1947	0.3123
2.0000	0.4032	0.3948	0.3948	0.4032	0.3672	0.3261	0.3860	0.2603	0.2468	0.3876	0.2105
3.0000	0.0911	0.0959	0.0960	0.0911	0.1007	0.0475	0.0959	0.1149	0.1149	0.0828	0.1108
4.0000	0.0322	0.0321	0.0321	0.0322	0.0442	0.0877	0.0362	0.0342	0.0387	0.0389	0.0487
5.0000	0.0071	0.0064	0.0063	0.0071	0.0055	0.0031	0.0060	0.0073	0.0099	0.0046	0.0184
6.0000	0.0005	0.0020	0.0021	0.0005	0.0008	0.0138	0.0015	0.0011	0.0020	0.0010	0.0060
7.0000	0.0005	0.0004	0.0006	0.0005	0.0000	0.0001	0.0002	0.0001	0.0003	0.0001	0.0017
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0014	0.0000	0.0000	0.0000	0.0000	0.0004
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0050	0.0052	0.0049	0.0089	0.0900	0.0042	0.1200	0.1000	0.0300	0.0300
pe		0.0325	0.0326	0.0329	0.1021	0.2900	0.0501	0.5500	0.5500	0.1200	0.5900
Schedule		167.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4452	0.4455	0.4454	0.4452	0.4430	0.4787	0.4425	0.3334	0.3862	0.4394	0.4353
1.0000	0.1686	0.1732	0.1731	0.1686	0.1785	0.1557	0.1774	0.3835	0.3309	0.1805	0.2859
2.0000	0.3099	0.2945	0.2945	0.3099	0.2977	0.2787	0.2991	0.2022	0.1762	0.3014	0.1534
3.0000	0.0507	0.0598	0.0598	0.0507	0.0534	0.0263	0.0547	0.0646	0.0726	0.0529	0.0736
4.0000	0.0207	0.0244	0.0244	0.0207	0.0237	0.0530	0.0227	0.0139	0.0247	0.0226	0.0322
5.0000	0.0044	0.0021	0.0020	0.0044	0.0030	0.0009	0.0029	0.0021	0.0072	0.0027	0.0129
6.0000	0.0000	0.0005	0.0005	0.0000	0.0007	0.0062	0.0007	0.0002	0.0018	0.0006	0.0047

7.0000	0.0000	0.0001	0.0002	0.0000	0.0001	0.0000	0.0001	0.0000	0.0004	0.0000	0.0015
8.0000	0.0005	0.0000	0.0000	0.0005	0.0000	0.0004	0.0000	0.0000	0.0001	0.0000	0.0004
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0005	0.0004	4.8099	0.0040	0.0500	0.0049	0.2100	0.1200	0.0200	0.0300
pe		0.0652	0.0653	0.0653	0.0550	0.2000	0.0512	0.6400	0.5600	0.0500	0.5800
Schedule		168.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4528	0.4364	0.4363	0.4528	0.4424	0.4123	0.4423	0.3039	0.3659	0.4455	0.4368
1.0000	0.1097	0.1231	0.1230	0.1097	0.1183	0.2144	0.1226	0.3805	0.3238	0.1106	0.2646
2.0000	0.3246	0.3210	0.3211	0.3246	0.3378	0.2730	0.3274	0.2184	0.1837	0.3368	0.1487
3.0000	0.0818	0.0888	0.0889	0.0818	0.0768	0.0429	0.0787	0.0760	0.0822	0.0825	0.0790
4.0000	0.0262	0.0275	0.0275	0.0262	0.0212	0.0494	0.0250	0.0178	0.0309	0.0211	0.0396
5.0000	0.0049	0.0028	0.0028	0.0049	0.0031	0.0017	0.0034	0.0030	0.0100	0.0030	0.0186
6.0000	0.0000	0.0004	0.0004	0.0000	0.0005	0.0057	0.0005	0.0004	0.0028	0.0004	0.0081
7.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0007	0.0000	0.0032
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	0.0001	0.0000	0.0011
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0300	0.0302	0.0300	0.0190	0.0700	0.0192	0.2700	0.1500	0.0100	0.0200
pe		0.0507	0.0508	0.0509	0.0623	0.4200	0.0402	0.7100	0.6500	0.0400	0.6700
Schedule		169.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4310	0.4300	0.4299	0.4310	0.4295	0.4669	0.4298	0.3063	0.3435	0.4233	0.4212
1.0000	0.1135	0.1162	0.1161	0.1135	0.1184	0.1353	0.1173	0.3809	0.3461	0.1247	0.2788
2.0000	0.3781	0.3738	0.3738	0.3781	0.3739	0.2968	0.3739	0.2171	0.1960	0.3788	0.1564
3.0000	0.0556	0.0579	0.0580	0.0556	0.0549	0.0269	0.0570	0.0750	0.0801	0.0511	0.0799
4.0000	0.0191	0.0197	0.0197	0.0191	0.0207	0.0639	0.0199	0.0175	0.0258	0.0197	0.0376
5.0000	0.0027	0.0019	0.0019	0.0027	0.0021	0.0011	0.0018	0.0029	0.0068	0.0019	0.0163
6.0000	0.0000	0.0004	0.0004	0.0000	0.0004	0.0083	0.0003	0.0004	0.0015	0.0004	0.0065
7.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0023
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0007	0.0000	0.0000	0.0000	0.0000	0.0007
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0018	0.0019	0.0018	0.0026	0.0600	0.0021	0.2200	0.1500	0.0100	0.0200
pe		0.0197	0.0198	0.0197	0.0218	0.3300	0.0200	0.7900	0.7700	0.0400	0.7900
Schedule		170.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4092	0.4092	0.4091	0.4092	0.4019	0.4227	0.4007	0.2896	0.3531	0.3975	0.3929
1.0000	0.1811	0.1827	0.1825	0.1811	0.1934	0.1769	0.1938	0.3781	0.3224	0.1937	0.2897
2.0000	0.2886	0.2724	0.2723	0.2886	0.2844	0.2912	0.2865	0.2262	0.1885	0.2898	0.1676

3.0000	0.0780	0.0907	0.0909	0.0780	0.0785	0.0386	0.0769	0.0820	0.0869	0.0797	0.0853
4.0000	0.0333	0.0397	0.0397	0.0333	0.0343	0.0604	0.0332	0.0201	0.0337	0.0328	0.0392
5.0000	0.0076	0.0037	0.0037	0.0076	0.0059	0.0017	0.0068	0.0035	0.0112	0.0051	0.0164
6.0000	0.0016	0.0010	0.0011	0.0016	0.0015	0.0078	0.0019	0.0004	0.0032	0.0011	0.0062
7.0000	0.0005	0.0005	0.0006	0.0005	0.0002	0.0000	0.0003	0.0000	0.0008	0.0001	0.0021
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0006	0.0000	0.0000	0.0002	0.0000	0.0006
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0000	0.0002	4.5413	0.0124	0.0200	0.0144	0.2000	0.1000	0.0200	0.0300
pe		0.0702	0.0706	0.0703	0.0340	0.1500	0.0293	0.4700	0.4200	0.0300	0.4400
Schedule		171.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1806	0.1692	0.1687	0.1806	0.1902	0.2816	0.1821	0.1225	0.1254	0.1408	0.1363
1.0000	0.1015	0.1178	0.1171	0.1015	0.1298	0.0856	0.1183	0.2811	0.2808	0.1763	0.2794
2.0000	0.4790	0.4717	0.4702	0.4790	0.4070	0.3681	0.4473	0.2956	0.2922	0.4524	0.2801
3.0000	0.1255	0.1305	0.1316	0.1255	0.1281	0.0573	0.1293	0.1884	0.1868	0.1009	0.1811
4.0000	0.0873	0.0818	0.0830	0.0873	0.1244	0.1580	0.0989	0.0811	0.0818	0.1115	0.0839
5.0000	0.0175	0.0175	0.0169	0.0175	0.0163	0.0076	0.0171	0.0248	0.0258	0.0128	0.0293
6.0000	0.0076	0.0090	0.0089	0.0076	0.0041	0.0360	0.0059	0.0055	0.0060	0.0049	0.0079
7.0000	0.0005	0.0019	0.0027	0.0005	0.0001	0.0003	0.0010	0.0009	0.0010	0.0004	0.0016
8.0000	0.0005	0.0006	0.0009	0.0005	-0.0001	0.0050	0.0003	0.0001	0.0001	0.0001	0.0003
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0139	0.0145	0.0136	0.0117	0.1200	0.0018	0.0700	0.0700	0.0500	0.0500
pe		0.0451	0.0482	0.0488	0.1778	0.3800	0.0814	0.5400	0.5500	0.2000	0.5500
Schedule		172.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4124	0.4038	0.4036	0.4124	0.4020	0.4137	0.4009	0.2945	0.3548	0.3984	0.3931
1.0000	0.1773	0.1889	0.1887	0.1773	0.2000	0.1982	0.1998	0.3790	0.3252	0.1996	0.2931
2.0000	0.2935	0.2704	0.2705	0.2935	0.2796	0.2820	0.2823	0.2236	0.1883	0.2840	0.1683
3.0000	0.0824	0.0973	0.0977	0.0824	0.0816	0.0420	0.0800	0.0799	0.0853	0.0831	0.0842
4.0000	0.0235	0.0343	0.0343	0.0235	0.0306	0.0549	0.0292	0.0193	0.0322	0.0294	0.0378
5.0000	0.0093	0.0034	0.0034	0.0093	0.0052	0.0018	0.0063	0.0033	0.0104	0.0045	0.0154
6.0000	0.0011	0.0012	0.0012	0.0011	0.0010	0.0068	0.0014	0.0004	0.0029	0.0008	0.0056
7.0000	0.0000	0.0005	0.0005	0.0000	0.0001	0.0000	0.0002	0.0000	0.0007	0.0001	0.0018
8.0000	0.0005	0.0001	0.0001	0.0005	0.0000	0.0005	0.0000	0.0000	0.0001	0.0000	0.0005
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0146	0.0150	0.0147	0.0177	0.0100	0.0196	0.2000	0.0900	0.0200	0.0300
pe		0.1145	0.1148	0.1150	0.0839	0.2000	0.0779	0.4900	0.4600	0.0700	0.4600
Schedule		173.0000									

level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.6388	0.6343	0.6343	0.6388	0.6324	0.6319	0.6297	0.5510	0.6172	0.6336	0.6353
1.0000	0.1855	0.1998	0.1998	0.1855	0.2045	0.1954	0.2064	0.3367	0.2474	0.2009	0.2260
2.0000	0.1402	0.1247	0.1247	0.1402	0.1265	0.1487	0.1282	0.0943	0.0908	0.1278	0.0874
3.0000	0.0278	0.0303	0.0303	0.0278	0.0262	0.0096	0.0260	0.0160	0.0310	0.0275	0.0333
4.0000	0.0065	0.0098	0.0098	0.0065	0.0087	0.0134	0.0082	0.0018	0.0098	0.0086	0.0121
5.0000	0.0005	0.0008	0.0008	0.0005	0.0013	0.0001	0.0012	0.0001	0.0028	0.0012	0.0042
6.0000	0.0005	0.0002	0.0002	0.0005	0.0003	0.0009	0.0003	0.0000	0.0007	0.0002	0.0013
7.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0004
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0124	0.0124	0.0124	0.0177	0.0200	0.0252	0.2500	0.0600	0.0200	0.0200
pe		0.1006	0.1007	0.1006	0.1038	0.1100	0.1033	0.5800	0.3100	0.0800	0.3100
Schedule		174.0000									

level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.4435	0.4435	0.4435	0.4435	0.4395	0.4742	0.4387	0.3081	0.3559	0.4371	0.4319
1.0000	0.1037	0.1052	0.1051	0.1037	0.1126	0.1270	0.1115	0.3811	0.3364	0.1133	0.2712
2.0000	0.3721	0.3626	0.3626	0.3721	0.3660	0.2983	0.3691	0.2161	0.1895	0.3688	0.1516
3.0000	0.0546	0.0630	0.0630	0.0546	0.0559	0.0250	0.0557	0.0742	0.0803	0.0561	0.0787
4.0000	0.0213	0.0235	0.0235	0.0213	0.0229	0.0650	0.0213	0.0172	0.0276	0.0220	0.0382
5.0000	0.0049	0.0015	0.0015	0.0049	0.0025	0.0010	0.0030	0.0028	0.0080	0.0023	0.0172
6.0000	0.0000	0.0005	0.0005	0.0000	0.0005	0.0086	0.0007	0.0003	0.0019	0.0005	0.0071
7.0000	0.0000	0.0002	0.0002	0.0000	0.0000	0.0000	0.0001	0.0000	0.0004	0.0000	0.0027
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0007	0.0000	0.0000	0.0001	0.0000	0.0009
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0000	0.0001	2.0808	0.0072	0.0600	0.0086	0.2400	0.1500	0.0100	0.0100
pe		0.0462	0.0462	0.0461	0.0374	0.3200	0.0262	0.8200	0.8000	0.0400	0.8000
Schedule		175.0000									

level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.2826	0.2821	0.2820	0.2826	0.2772	0.3344	0.2758	0.1936	0.2295	0.2602	0.2526
1.0000	0.1800	0.1910	0.1908	0.1800	0.1944	0.1463	0.1954	0.3407	0.3209	0.2068	0.3077
2.0000	0.3557	0.3320	0.3319	0.3557	0.3433	0.3386	0.3445	0.2747	0.2432	0.3577	0.2255
3.0000	0.1047	0.1140	0.1144	0.1047	0.1085	0.0577	0.1084	0.1343	0.1295	0.1052	0.1254
4.0000	0.0616	0.0678	0.0680	0.0616	0.0613	0.1000	0.0600	0.0443	0.0533	0.0574	0.0571
5.0000	0.0098	0.0096	0.0096	0.0098	0.0111	0.0045	0.0113	0.0104	0.0176	0.0093	0.0220
6.0000	0.0049	0.0024	0.0024	0.0049	0.0037	0.0166	0.0040	0.0018	0.0048	0.0029	0.0072
7.0000	0.0005	0.0008	0.0008	0.0005	0.0004	0.0001	0.0005	0.0002	0.0010	0.0003	0.0020
8.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0018	0.0001	0.0000	0.0002	0.0001	0.0005
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0007	0.0009	5.9680	0.0075	0.0800	0.0095	0.1200	0.0700	0.0300	0.0400
pe		0.0744	0.0750	0.0746	0.0468	0.2200	0.0480	0.4000	0.4000	0.0600	0.4200
Schedule		176.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2897	0.2780	0.2776	0.2897	0.2782	0.3083	0.2782	0.2011	0.2301	0.2616	0.2536
1.0000	0.1724	0.1985	0.1982	0.1724	0.2026	0.1957	0.2020	0.3451	0.3283	0.2164	0.3143
2.0000	0.3666	0.3312	0.3313	0.3666	0.3408	0.3203	0.3402	0.2714	0.2461	0.3528	0.2279
3.0000	0.1064	0.1249	0.1254	0.1064	0.1129	0.0734	0.1148	0.1294	0.1266	0.1093	0.1231
4.0000	0.0524	0.0570	0.0572	0.0524	0.0536	0.0832	0.0523	0.0416	0.0492	0.0501	0.0536
5.0000	0.0093	0.0078	0.0077	0.0093	0.0094	0.0054	0.0096	0.0095	0.0151	0.0079	0.0195
6.0000	0.0022	0.0020	0.0020	0.0022	0.0022	0.0123	0.0023	0.0016	0.0037	0.0017	0.0060
7.0000	0.0011	0.0005	0.0006	0.0011	0.0002	0.0001	0.0004	0.0002	0.0007	0.0002	0.0015
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0012	0.0001	0.0000	0.0001	0.0000	0.0003
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0164	0.0170	0.0164	0.0162	0.0300	0.0162	0.1300	0.0800	0.0400	0.0500
pe		0.1226	0.1228	0.1220	0.0911	0.2100	0.0925	0.4200	0.4400	0.1000	0.4400
Schedule		177.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.6590	0.6474	0.6472	0.6590	0.6450	0.6296	0.6453	0.5824	0.6404	0.6503	0.6508
1.0000	0.1953	0.2149	0.2148	0.1953	0.2223	0.2398	0.2209	0.3220	0.2408	0.2109	0.2278
2.0000	0.1113	0.1000	0.1000	0.1113	0.1033	0.1122	0.1024	0.0816	0.0824	0.1066	0.0810
3.0000	0.0273	0.0289	0.0290	0.0273	0.0228	0.0103	0.0242	0.0125	0.0261	0.0254	0.0278
4.0000	0.0065	0.0077	0.0077	0.0065	0.0056	0.0075	0.0060	0.0013	0.0076	0.0058	0.0090
5.0000	0.0005	0.0010	0.0010	0.0005	0.0009	0.0001	0.0010	0.0001	0.0020	0.0009	0.0027
6.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0005	0.0002	0.0000	0.0005	0.0001	0.0007
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0339	0.0345	0.0340	0.0411	0.0900	0.0402	0.2300	0.0600	0.0300	0.0300
pe		0.1008	0.1008	0.1009	0.1199	0.1800	0.1138	0.5300	0.2400	0.0600	0.2100
Schedule		178.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.7861	0.7860	0.7859	0.7861	0.7850	0.7771	0.7842	0.7413	0.7791	0.7858	0.7898
1.0000	0.1440	0.1442	0.1442	0.1440	0.1479	0.1581	0.1478	0.2247	0.1648	0.1459	0.1498
2.0000	0.0600	0.0579	0.0579	0.0600	0.0567	0.0599	0.0580	0.0312	0.0420	0.0574	0.0425
3.0000	0.0076	0.0099	0.0099	0.0076	0.0085	0.0021	0.0083	0.0026	0.0108	0.0089	0.0127
4.0000	0.0022	0.0019	0.0019	0.0022	0.0017	0.0027	0.0015	0.0001	0.0026	0.0018	0.0038
5.0000	0.0000	0.0002	0.0002	0.0000	0.0002	0.0000	0.0002	0.0000	0.0006	0.0002	0.0011
6.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0003
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001

8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0006	0.0009	4.9421	0.0051	0.0600	0.0089	0.2300	0.0500	0.0200	0.0000
pe		0.0243	0.0244	0.0243	0.0411	0.1000	0.0346	0.5700	0.1900	0.0500	0.1400
Schedule		179.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4512	0.4440	0.4438	0.4512	0.4441	0.4627	0.4444	0.3302	0.3930	0.4447	0.4394
1.0000	0.1724	0.1768	0.1767	0.1724	0.1815	0.1765	0.1820	0.3833	0.3217	0.1764	0.2801
2.0000	0.2826	0.2733	0.2733	0.2826	0.2845	0.2728	0.2808	0.2039	0.1727	0.2872	0.1512
3.0000	0.0616	0.0726	0.0728	0.0616	0.0612	0.0305	0.0627	0.0658	0.0741	0.0641	0.0742
4.0000	0.0267	0.0296	0.0296	0.0267	0.0240	0.0502	0.0251	0.0143	0.0270	0.0234	0.0335
5.0000	0.0044	0.0028	0.0028	0.0044	0.0037	0.0011	0.0040	0.0022	0.0085	0.0034	0.0139
6.0000	0.0005	0.0006	0.0006	0.0005	0.0009	0.0058	0.0009	0.0002	0.0023	0.0007	0.0053
7.0000	0.0005	0.0003	0.0003	0.0005	0.0001	0.0000	0.0001	0.0000	0.0005	0.0001	0.0018
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0004	0.0000	0.0000	0.0001	0.0000	0.0005
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0132	0.0134	0.0131	0.0129	0.0200	0.0124	0.2200	0.1000	0.0100	0.0200
pe		0.0539	0.0540	0.0538	0.0284	0.1500	0.0279	0.5600	0.4900	0.0400	0.4900
Schedule		180.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3486	0.3392	0.3391	0.3486	0.3441	0.3441	0.3422	0.2339	0.2735	0.3273	0.3262
1.0000	0.1369	0.1473	0.1473	0.1369	0.1604	0.2020	0.1549	0.3612	0.3331	0.1771	0.2962
2.0000	0.3742	0.3501	0.3500	0.3742	0.3387	0.3075	0.3544	0.2557	0.2255	0.3501	0.1915
3.0000	0.0933	0.1182	0.1184	0.0933	0.1058	0.0614	0.1020	0.1097	0.1094	0.0990	0.1039
4.0000	0.0344	0.0382	0.0383	0.0344	0.0427	0.0708	0.0361	0.0318	0.0416	0.0396	0.0495
5.0000	0.0098	0.0047	0.0047	0.0098	0.0069	0.0037	0.0084	0.0065	0.0129	0.0058	0.0210
6.0000	0.0027	0.0016	0.0016	0.0027	0.0012	0.0097	0.0018	0.0010	0.0033	0.0010	0.0079
7.0000	0.0000	0.0006	0.0006	0.0000	0.0001	0.0001	0.0002	0.0001	0.0007	0.0001	0.0026
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0009	0.0000	0.0000	0.0001	0.0000	0.0008
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0144	0.0147	0.0145	0.0069	0.0100	0.0098	0.1800	0.1200	0.0300	0.0400
pe		0.1077	0.1083	0.1085	0.1294	0.3200	0.0778	0.5700	0.5800	0.1200	0.6000

Schedule		181.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.2930	0.2863	0.2862	0.2930	0.2797	0.3341	0.2804	0.1981	0.2323	0.2628	0.2562
1.0000	0.1713	0.1906	0.1904	0.1713	0.1976	0.1545	0.1965	0.3434	0.3239	0.2102	0.3099
2.0000	0.3524	0.3316	0.3314	0.3524	0.3428	0.3347	0.3404	0.2728	0.2430	0.3570	0.2248
3.0000	0.1102	0.1178	0.1180	0.1102	0.1086	0.0591	0.1106	0.1313	0.1274	0.1052	0.1235
4.0000	0.0600	0.0624	0.0626	0.0600	0.0568	0.0958	0.0584	0.0427	0.0513	0.0529	0.0555
5.0000	0.0109	0.0084	0.0084	0.0109	0.0107	0.0045	0.0105	0.0099	0.0166	0.0090	0.0210
6.0000	0.0022	0.0022	0.0022	0.0022	0.0033	0.0155	0.0028	0.0017	0.0043	0.0026	0.0068
7.0000	0.0000	0.0006	0.0006	0.0000	0.0004	0.0001	0.0003	0.0002	0.0009	0.0003	0.0018
8.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0016	0.0000	0.0000	0.0002	0.0001	0.0004
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0095	0.0096	0.0095	0.0188	0.0600	0.0178	0.1300	0.0800	0.0400	0.0500
pe		0.0756	0.0761	0.0758	0.0601	0.2000	0.0573	0.4100	0.4200	0.0800	0.4200
Schedule		182.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.4588	0.4576	0.4574	0.4588	0.4546	0.4885	0.4540	0.3472	0.3986	0.4535	0.4485
1.0000	0.1680	0.1740	0.1739	0.1680	0.1790	0.1604	0.1796	0.3840	0.3310	0.1778	0.2840
2.0000	0.3055	0.2868	0.2868	0.3055	0.2929	0.2704	0.2932	0.1946	0.1711	0.2955	0.1489
3.0000	0.0431	0.0570	0.0572	0.0431	0.0514	0.0251	0.0504	0.0598	0.0684	0.0522	0.0702
4.0000	0.0196	0.0222	0.0222	0.0196	0.0193	0.0490	0.0193	0.0124	0.0226	0.0185	0.0303
5.0000	0.0038	0.0017	0.0017	0.0038	0.0023	0.0008	0.0028	0.0018	0.0064	0.0021	0.0119
6.0000	0.0011	0.0004	0.0005	0.0011	0.0005	0.0055	0.0007	0.0002	0.0015	0.0004	0.0043
7.0000	0.0000	0.0002	0.0003	0.0000	0.0000	0.0000	0.0001	0.0000	0.0003	0.0000	0.0014
8.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0004	0.0000	0.0000	0.0001	0.0000	0.0004
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0022	0.0026	0.0023	0.0078	0.0500	0.0089	0.2100	0.1100	0.0100	0.0200
pe		0.0817	0.0819	0.0821	0.0634	0.1900	0.0610	0.6500	0.5900	0.0600	0.5900
Schedule		183.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.3759	0.3726	0.3725	0.3759	0.3712	0.4051	0.3716	0.2693	0.3192	0.3581	0.3564
1.0000	0.1877	0.1993	0.1993	0.1877	0.2019	0.1705	0.2015	0.3734	0.3322	0.2144	0.3028
2.0000	0.3082	0.2930	0.2929	0.3082	0.2958	0.3034	0.2948	0.2372	0.2045	0.3044	0.1829
3.0000	0.0867	0.0890	0.0892	0.0867	0.0852	0.0418	0.0858	0.0913	0.0943	0.0809	0.0926
4.0000	0.0316	0.0395	0.0396	0.0316	0.0382	0.0673	0.0387	0.0237	0.0352	0.0356	0.0411
5.0000	0.0071	0.0047	0.0047	0.0071	0.0061	0.0020	0.0060	0.0044	0.0110	0.0051	0.0162
6.0000	0.0027	0.0013	0.0012	0.0027	0.0015	0.0090	0.0014	0.0006	0.0029	0.0012	0.0057
7.0000	0.0000	0.0005	0.0005	0.0000	0.0002	0.0000	0.0001	0.0001	0.0006	0.0001	0.0017
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0008	0.0000	0.0000	0.0001	0.0000	0.0005
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0052	0.0055	0.0052	0.0075	0.0400	0.0069	0.1800	0.1000	0.0400	0.0400
pe		0.0666	0.0670	0.0667	0.0594	0.1800	0.0604	0.4400	0.4000	0.0600	0.4400
Schedule		184.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.6470	0.6399	0.6395	0.6470	0.6392	0.6222	0.6393	0.5708	0.6296	0.6411	0.6428
1.0000	0.2040	0.2139	0.2137	0.2040	0.2171	0.2374	0.2167	0.3276	0.2461	0.2124	0.2298
2.0000	0.1118	0.1086	0.1086	0.1118	0.1117	0.1210	0.1110	0.0862	0.0858	0.1135	0.0839
3.0000	0.0289	0.0283	0.0285	0.0289	0.0240	0.0104	0.0247	0.0137	0.0275	0.0253	0.0295
4.0000	0.0076	0.0080	0.0081	0.0076	0.0067	0.0084	0.0068	0.0015	0.0081	0.0066	0.0098
5.0000	0.0005	0.0010	0.0010	0.0005	0.0010	0.0001	0.0012	0.0001	0.0022	0.0010	0.0030
6.0000	0.0000	0.0002	0.0003	0.0000	0.0002	0.0005	0.0002	0.0000	0.0005	0.0002	0.0009
7.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0203	0.0211	0.0198	0.0221	0.0800	0.0218	0.2300	0.0600	0.0300	0.0200
pe		0.0425	0.0421	0.0424	0.0558	0.1700	0.0550	0.4900	0.2000	0.0600	0.1700
Schedule		185.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.8107	0.8066	0.8065	0.8107	0.8044	0.7965	0.8043	0.7520	0.7996	0.8081	0.8114
1.0000	0.1146	0.1249	0.1249	0.1146	0.1272	0.1362	0.1274	0.2169	0.1430	0.1200	0.1276
2.0000	0.0622	0.0536	0.0536	0.0622	0.0563	0.0611	0.0549	0.0287	0.0403	0.0578	0.0398
3.0000	0.0076	0.0108	0.0109	0.0076	0.0091	0.0024	0.0098	0.0023	0.0121	0.0109	0.0139
4.0000	0.0049	0.0034	0.0034	0.0049	0.0026	0.0037	0.0031	0.0001	0.0036	0.0028	0.0049
5.0000	0.0000	0.0005	0.0005	0.0000	0.0003	0.0000	0.0004	0.0000	0.0010	0.0004	0.0017
6.0000	0.0000	0.0002	0.0001	0.0000	0.0001	0.0002	0.0001	0.0000	0.0003	0.0001	0.0005
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0219	0.0222	0.0217	0.0333	0.0700	0.0338	0.3100	0.0500	0.0100	0.0000
pe		0.1283	0.1283	0.1282	0.1199	0.1600	0.1300	0.7900	0.2600	0.0300	0.2100
Schedule		186.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.7032	0.7020	0.7020	0.7032	0.7000	0.6950	0.6993	0.6264	0.6881	0.7020	0.7052
1.0000	0.1713	0.1721	0.1721	0.1713	0.1763	0.1771	0.1761	0.2988	0.2102	0.1719	0.1891
2.0000	0.0966	0.0976	0.0976	0.0966	0.0984	0.1126	0.0994	0.0653	0.0695	0.0995	0.0673
3.0000	0.0224	0.0207	0.0207	0.0224	0.0183	0.0060	0.0184	0.0087	0.0225	0.0197	0.0249
4.0000	0.0055	0.0066	0.0066	0.0055	0.0059	0.0087	0.0058	0.0008	0.0069	0.0059	0.0090
5.0000	0.0011	0.0008	0.0008	0.0011	0.0008	0.0001	0.0009	0.0000	0.0020	0.0008	0.0031
6.0000	0.0000	0.0002	0.0002	0.0000	0.0002	0.0006	0.0002	0.0000	0.0005	0.0002	0.0010

7.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0003
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0039	0.0040	0.0039	0.0108	0.0200	0.0131	0.2500	0.0400	0.0300	0.0200
pe		0.0172	0.0172	0.0171	0.0398	0.1300	0.0414	0.6000	0.2300	0.0500	0.2000
Schedule		187.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.7834	0.7841	0.7841	0.7834	0.7838	0.7778	0.7826	0.7257	0.7753	0.7859	0.7890
1.0000	0.1348	0.1343	0.1342	0.1348	0.1350	0.1416	0.1362	0.2358	0.1597	0.1308	0.1417
2.0000	0.0693	0.0660	0.0660	0.0693	0.0674	0.0727	0.0673	0.0351	0.0458	0.0682	0.0452
3.0000	0.0076	0.0117	0.0118	0.0076	0.0104	0.0028	0.0106	0.0032	0.0137	0.0116	0.0158
4.0000	0.0044	0.0033	0.0033	0.0044	0.0030	0.0047	0.0029	0.0002	0.0040	0.0030	0.0055
5.0000	0.0005	0.0004	0.0004	0.0005	0.0004	0.0000	0.0004	0.0000	0.0011	0.0004	0.0019
6.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0003	0.0001	0.0000	0.0003	0.0001	0.0006
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0033	0.0031	0.0036	0.0018	0.0100	0.0037	0.2500	0.0200	0.0100	0.0400
pe		0.0434	0.0439	0.0442	0.0300	0.0900	0.0374	0.6400	0.2300	0.0500	0.1800
Schedule		188.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.6230	0.6209	0.6205	0.6230	0.6169	0.6000	0.6170	0.5456	0.6015	0.6154	0.6181
1.0000	0.2100	0.2143	0.2140	0.2100	0.2214	0.2440	0.2214	0.3390	0.2628	0.2227	0.2426
2.0000	0.1277	0.1238	0.1239	0.1277	0.1265	0.1332	0.1257	0.0966	0.0942	0.1273	0.0914
3.0000	0.0322	0.0311	0.0315	0.0322	0.0266	0.0122	0.0271	0.0167	0.0300	0.0264	0.0325
4.0000	0.0065	0.0089	0.0090	0.0065	0.0073	0.0098	0.0076	0.0019	0.0086	0.0071	0.0108
5.0000	0.0005	0.0008	0.0008	0.0005	0.0011	0.0001	0.0011	0.0002	0.0022	0.0010	0.0033
6.0000	0.0000	0.0002	0.0002	0.0000	0.0002	0.0006	0.0002	0.0000	0.0005	0.0002	0.0009
7.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0056	0.0066	0.0051	0.0162	0.0500	0.0159	0.2000	0.0500	0.0200	0.0100
pe		0.0325	0.0309	0.0311	0.0525	0.1600	0.0541	0.4700	0.2100	0.0600	0.2100
Schedule		189.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.6683	0.6641	0.6641	0.6683	0.6630	0.6658	0.6616	0.6003	0.6516	0.6636	0.6644
1.0000	0.1931	0.2041	0.2041	0.1931	0.2070	0.1960	0.2082	0.3129	0.2393	0.2048	0.2229
2.0000	0.1146	0.1039	0.1039	0.1146	0.1052	0.1216	0.1054	0.0748	0.0777	0.1063	0.0765

3.0000	0.0185	0.0213	0.0213	0.0185	0.0191	0.0070	0.0190	0.0108	0.0231	0.0197	0.0253
4.0000	0.0055	0.0058	0.0058	0.0055	0.0050	0.0090	0.0050	0.0011	0.0063	0.0049	0.0079
5.0000	0.0000	0.0005	0.0005	0.0000	0.0006	0.0001	0.0006	0.0001	0.0016	0.0006	0.0023
6.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0005	0.0001	0.0000	0.0003	0.0001	0.0006
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0125	0.0125	0.0125	0.0160	0.0100	0.0202	0.2100	0.0600	0.0200	0.0200
pe		0.0770	0.0770	0.0770	0.0757	0.0900	0.0784	0.5200	0.2700	0.0400	0.2400
Schedule		190.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.7747	0.7762	0.7761	0.7747	0.7767	0.7612	0.7761	0.7339	0.7682	0.7754	0.7787
1.0000	0.1577	0.1520	0.1520	0.1577	0.1530	0.1795	0.1530	0.2300	0.1753	0.1552	0.1603
2.0000	0.0556	0.0616	0.0616	0.0556	0.0602	0.0543	0.0616	0.0330	0.0432	0.0599	0.0440
3.0000	0.0115	0.0087	0.0087	0.0115	0.0083	0.0026	0.0081	0.0029	0.0104	0.0078	0.0124
4.0000	0.0005	0.0013	0.0013	0.0005	0.0016	0.0022	0.0012	0.0002	0.0023	0.0015	0.0034
5.0000	0.0000	0.0001	0.0001	0.0000	0.0002	0.0000	0.0001	0.0000	0.0005	0.0001	0.0009
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0002
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0068	0.0064	0.0069	0.0089	0.0400	0.0062	0.1600	0.0100	0.0100	0.0400
pe		0.0687	0.0689	0.0690	0.0613	0.1300	0.0661	0.4300	0.1300	0.0300	0.0900
Schedule		191.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.6830	0.6831	0.7761	0.6830	0.6786	0.6730	0.6792	0.6033	0.6706	0.6829	0.6862
1.0000	0.1860	0.1855	0.1520	0.1860	0.1913	0.1914	0.1895	0.3114	0.2171	0.1825	0.1982
2.0000	0.0971	0.0964	0.0616	0.0971	0.0998	0.1162	0.0992	0.0736	0.0752	0.1018	0.0728
3.0000	0.0229	0.0245	0.0087	0.0229	0.0220	0.0084	0.0234	0.0106	0.0255	0.0244	0.0275
4.0000	0.0093	0.0082	0.0013	0.0093	0.0069	0.0100	0.0072	0.0010	0.0082	0.0071	0.0101
5.0000	0.0011	0.0017	0.0001	0.0011	0.0012	0.0001	0.0012	0.0001	0.0025	0.0012	0.0036
6.0000	0.0005	0.0004	0.0000	0.0005	0.0002	0.0008	0.0003	0.0000	0.0007	0.0002	0.0012
7.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0003
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0004	0.0000	7.1899	0.0139	0.0200	0.0120	0.2400	0.0300	0.0800	0.0200
pe		0.0145	0.0154	0.0158	0.0369	0.1200	0.0268	0.5300	0.1600	0.2200	0.1600
Schedule		192.0000									

level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.1282	0.1088	0.1084	0.1282	0.1378	0.2141	0.1308	0.0807	0.0851	0.0569	0.0823
1.0000	0.0900	0.1129	0.1119	0.0900	0.1315	0.0794	0.1165	0.2261	0.2274	0.2008	0.2266
2.0000	0.4272	0.4121	0.4099	0.4272	0.3419	0.3585	0.3770	0.2901	0.2849	0.4108	0.2882
3.0000	0.1784	0.1918	0.1933	0.1784	0.1725	0.0788	0.1826	0.2256	0.2212	0.1465	0.2240
4.0000	0.1189	0.1135	0.1153	0.1189	0.1564	0.1916	0.1356	0.1184	0.1185	0.1365	0.1185
5.0000	0.0338	0.0305	0.0305	0.0338	0.0430	0.0157	0.0393	0.0442	0.0461	0.0322	0.0449
6.0000	0.0202	0.0173	0.0171	0.0202	0.0152	0.0515	0.0149	0.0120	0.0134	0.0139	0.0125
7.0000	0.0022	0.0091	0.0093	0.0022	0.0017	0.0009	0.0026	0.0024	0.0029	0.0020	0.0026
8.0000	0.0005	0.0037	0.0038	0.0005	0.0001	0.0086	0.0006	0.0004	0.0005	0.0005	0.0004
9.0000	0.0005	0.0002	0.0002	0.0005	0.0000	0.0000	0.0001	0.0000	0.0001	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0008	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0223	0.0227	0.0219	0.0110	0.1000	0.0030	0.0600	0.0500	0.0100	0.0900
pe		0.0841	0.0858	0.0853	0.2131	0.3600	0.1254	0.3900	0.3900	0.0300	0.3900
Schedule		193.0000									

level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.3513	0.3493	0.3493	0.3513	0.3470	0.4164	0.3466	0.2739	0.2878	0.3420	0.3334
1.0000	0.1877	0.1954	0.1953	0.1877	0.1970	0.1624	0.1983	0.3745	0.3626	0.2008	0.3249
2.0000	0.3732	0.3626	0.3626	0.3732	0.3688	0.3024	0.3673	0.2348	0.2253	0.3732	0.1969
3.0000	0.0616	0.0634	0.0635	0.0616	0.0605	0.0389	0.0603	0.0892	0.0909	0.0590	0.0924
4.0000	0.0229	0.0267	0.0267	0.0229	0.0234	0.0679	0.0244	0.0229	0.0264	0.0221	0.0360
5.0000	0.0027	0.0021	0.0021	0.0027	0.0027	0.0019	0.0025	0.0042	0.0058	0.0024	0.0119
6.0000	0.0005	0.0003	0.0003	0.0005	0.0006	0.0093	0.0005	0.0006	0.0010	0.0005	0.0034
7.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001	0.0000	0.0008
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0008	0.0000	0.0000	0.0000	0.0000	0.0002
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0031	0.0031	0.0030	0.0066	0.1000	0.0072	0.1200	0.1000	0.0100	0.0300
pe		0.0382	0.0383	0.0382	0.0237	0.2600	0.0301	0.5400	0.5400	0.0600	0.5700
Schedule		194.0000									

level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.8189	0.8174	0.8174	0.8189	0.8157	0.8094	0.8152	0.7921	0.8159	0.8179	0.8195
1.0000	0.1386	0.1414	0.1414	0.1386	0.1453	0.1543	0.1457	0.1864	0.1466	0.1404	0.1411
2.0000	0.0371	0.0335	0.0335	0.0371	0.0337	0.0337	0.0333	0.0201	0.0300	0.0356	0.0308
3.0000	0.0038	0.0064	0.0064	0.0038	0.0046	0.0015	0.0049	0.0013	0.0061	0.0053	0.0068
4.0000	0.0016	0.0012	0.0012	0.0016	0.0007	0.0011	0.0008	0.0001	0.0012	0.0007	0.0014
5.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0000	0.0001	0.0000	0.0002	0.0001	0.0003
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0081	0.0083	0.0080	0.0177	0.0600	0.0204	0.1600	0.0200	0.0300	0.0100
pe		0.0524	0.0524	0.0522	0.0657	0.1100	0.0712	0.3900	0.1100	0.0700	0.0600
Schedule		195.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4370	0.4205	0.4203	0.4370	0.4272	0.4161	0.4283	0.2913	0.3469	0.4239	0.4202
1.0000	0.1009	0.1138	0.1139	0.1009	0.1153	0.1884	0.1121	0.3784	0.3292	0.1165	0.2693
2.0000	0.3546	0.3547	0.3547	0.3546	0.3594	0.2881	0.3587	0.2253	0.1922	0.3628	0.1544
3.0000	0.0736	0.0754	0.0755	0.0736	0.0628	0.0405	0.0675	0.0813	0.0863	0.0630	0.0825
4.0000	0.0289	0.0318	0.0319	0.0289	0.0300	0.0575	0.0281	0.0198	0.0320	0.0290	0.0413
5.0000	0.0044	0.0029	0.0029	0.0044	0.0041	0.0017	0.0041	0.0034	0.0100	0.0038	0.0192
6.0000	0.0005	0.0006	0.0005	0.0005	0.0010	0.0071	0.0010	0.0004	0.0027	0.0009	0.0083
7.0000	0.0000	0.0003	0.0002	0.0000	0.0001	0.0000	0.0001	0.0000	0.0006	0.0001	0.0032
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0006	0.0000	0.0000	0.0001	0.0000	0.0011
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0293	0.0297	0.0295	0.0174	0.0400	0.0155	0.2700	0.1700	0.0100	0.0400
pe		0.0348	0.0352	0.0350	0.0568	0.4100	0.0410	0.7500	0.7300	0.0300	0.7500
Schedule		196.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.6596	0.6572	0.6570	0.6596	0.6540	0.6547	0.6535	0.5809	0.6426	0.6562	0.6578
1.0000	0.1942	0.2005	0.2003	0.1942	0.2034	0.1926	0.2048	0.3228	0.2370	0.1981	0.2183
2.0000	0.1124	0.1066	0.1066	0.1124	0.1119	0.1331	0.1099	0.0822	0.0824	0.1136	0.0801
3.0000	0.0245	0.0254	0.0257	0.0245	0.0225	0.0079	0.0226	0.0127	0.0269	0.0240	0.0291
4.0000	0.0082	0.0089	0.0090	0.0082	0.0070	0.0109	0.0076	0.0013	0.0082	0.0069	0.0101
5.0000	0.0011	0.0010	0.0010	0.0011	0.0010	0.0001	0.0012	0.0001	0.0023	0.0010	0.0033
6.0000	0.0000	0.0003	0.0003	0.0000	0.0002	0.0007	0.0003	0.0000	0.0006	0.0002	0.0010
7.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0003
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0070	0.0075	0.0066	0.0165	0.0200	0.0179	0.2300	0.0500	0.0200	0.0100
pe		0.0417	0.0425	0.0423	0.0388	0.1200	0.0470	0.5300	0.2100	0.0500	0.2100
Schedule		197.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4304	0.4153	0.4151	0.4304	0.4236	0.4145	0.4242	0.2940	0.3436	0.4196	0.4160
1.0000	0.1107	0.1275	0.1274	0.1107	0.1227	0.1951	0.1217	0.3789	0.3344	0.1250	0.2744
2.0000	0.3579	0.3522	0.3520	0.3579	0.3567	0.2847	0.3545	0.2238	0.1944	0.3603	0.1569
3.0000	0.0731	0.0746	0.0749	0.0731	0.0674	0.0413	0.0703	0.0801	0.0852	0.0668	0.0825
4.0000	0.0218	0.0269	0.0269	0.0218	0.0254	0.0555	0.0249	0.0194	0.0304	0.0245	0.0403
5.0000	0.0055	0.0028	0.0028	0.0055	0.0035	0.0017	0.0035	0.0033	0.0091	0.0032	0.0182
6.0000	0.0005	0.0005	0.0006	0.0005	0.0007	0.0067	0.0008	0.0004	0.0023	0.0006	0.0076
7.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0000	0.0001	0.0000	0.0005	0.0001	0.0028

8.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0005	0.0000	0.0000	0.0001	0.0000	0.0009
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0265	0.0268	0.0265	0.0119	0.0300	0.0109	0.2400	0.1500	0.0100	0.0200
pe		0.0561	0.0570	0.0573	0.0435	0.4000	0.0399	0.7200	0.7000	0.0600	0.7400
Schedule		198.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.6650	0.6645	0.6645	0.6650	0.6607	0.6572	0.6611	0.5803	0.6498	0.6635	0.6650
1.0000	0.1839	0.1907	0.1906	0.1839	0.1953	0.1891	0.1941	0.3231	0.2276	0.1890	0.2094
2.0000	0.1195	0.1069	0.1069	0.1195	0.1097	0.1326	0.1092	0.0824	0.0815	0.1114	0.0788
3.0000	0.0229	0.0266	0.0267	0.0229	0.0245	0.0084	0.0255	0.0127	0.0281	0.0264	0.0300
4.0000	0.0055	0.0091	0.0091	0.0055	0.0081	0.0117	0.0084	0.0013	0.0092	0.0082	0.0111
5.0000	0.0016	0.0016	0.0016	0.0016	0.0014	0.0001	0.0015	0.0001	0.0028	0.0013	0.0039
6.0000	0.0011	0.0004	0.0004	0.0011	0.0003	0.0008	0.0003	0.0000	0.0008	0.0003	0.0013
7.0000	0.0005	0.0001	0.0001	0.0005	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0004
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0014	0.0016	0.0013	0.0128	0.0100	0.0116	0.2300	0.0300	0.0100	0.0100
pe		0.0832	0.0833	0.0833	0.0803	0.1200	0.0818	0.5600	0.2600	0.0700	0.2400
Schedule		199.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4446	0.4447	0.4447	0.4446	0.4438	0.4924	0.4415	0.3374	0.3810	0.4364	0.4350
1.0000	0.1631	0.1679	0.1679	0.1631	0.1733	0.1398	0.1727	0.3837	0.3395	0.1814	0.2891
2.0000	0.3268	0.3147	0.3147	0.3268	0.3119	0.2824	0.3195	0.2000	0.1789	0.3167	0.1540
3.0000	0.0447	0.0480	0.0480	0.0447	0.0452	0.0231	0.0431	0.0632	0.0705	0.0413	0.0727
4.0000	0.0180	0.0221	0.0222	0.0180	0.0230	0.0547	0.0194	0.0135	0.0225	0.0216	0.0311
5.0000	0.0005	0.0018	0.0018	0.0005	0.0022	0.0008	0.0029	0.0020	0.0060	0.0020	0.0121
6.0000	0.0022	0.0004	0.0004	0.0022	0.0006	0.0064	0.0008	0.0002	0.0013	0.0006	0.0043
7.0000	0.0000	0.0002	0.0002	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002	0.0000	0.0013
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0005	0.0000	0.0000	0.0000	0.0000	0.0004
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0002	0.0002	2.2424	0.0014	0.0900	0.0056	0.1800	0.1100	0.0400	0.0100
pe		0.0499	0.0500	0.0499	0.0610	0.2300	0.0429	0.6600	0.6600	0.0600	0.6400

Schedule		200.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.6356	0.6263	0.6262	0.6356	0.6206	0.6174	0.6213	0.5400	0.6152	0.6272	0.6295
1.0000	0.1926	0.2114	0.2114	0.1926	0.2199	0.2128	0.2171	0.3414	0.2422	0.2061	0.2258
2.0000	0.1244	0.1129	0.1128	0.1244	0.1171	0.1405	0.1169	0.0989	0.0926	0.1205	0.0895
3.0000	0.0338	0.0345	0.0346	0.0338	0.0304	0.0135	0.0322	0.0174	0.0336	0.0340	0.0351
4.0000	0.0104	0.0116	0.0117	0.0104	0.0097	0.0141	0.0099	0.0021	0.0114	0.0100	0.0133
5.0000	0.0033	0.0025	0.0025	0.0033	0.0018	0.0003	0.0021	0.0002	0.0036	0.0018	0.0047
6.0000	0.0000	0.0006	0.0006	0.0000	0.0004	0.0013	0.0004	0.0000	0.0010	0.0003	0.0016
7.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0001	0.0000	0.0003	0.0000	0.0005
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0001
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0256	0.0258	0.0256	0.0412	0.0600	0.0392	0.2800	0.0700	0.0000	0.0300
pe		0.0929	0.0933	0.0932	0.1114	0.1700	0.0982	0.5600	0.2200	0.0600	0.2200
Schedule		201.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.6438	0.6429	0.6428	0.6438	0.6419	0.6401	0.6410	0.5677	0.6246	0.6411	0.6447
1.0000	0.1975	0.2013	0.2012	0.1975	0.2032	0.2007	0.2046	0.3280	0.2497	0.2034	0.2254
2.0000	0.1293	0.1207	0.1207	0.1293	0.1234	0.1377	0.1225	0.0880	0.0869	0.1243	0.0836
3.0000	0.0202	0.0258	0.0259	0.0202	0.0232	0.0090	0.0235	0.0145	0.0277	0.0233	0.0305
4.0000	0.0082	0.0084	0.0084	0.0082	0.0071	0.0116	0.0074	0.0016	0.0082	0.0069	0.0107
5.0000	0.0011	0.0008	0.0008	0.0011	0.0010	0.0001	0.0008	0.0001	0.0022	0.0009	0.0036
6.0000	0.0000	0.0002	0.0002	0.0000	0.0002	0.0008	0.0001	0.0000	0.0006	0.0002	0.0011
7.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0003
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0026	0.0029	0.0024	0.0053	0.0000	0.0079	0.2000	0.0400	0.0300	0.0100
pe		0.0522	0.0526	0.0526	0.0449	0.0800	0.0517	0.5300	0.2800	0.1000	0.2500
Schedule		202.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.3819	0.3753	0.3751	0.3819	0.3722	0.3962	0.3720	0.2588	0.3238	0.3616	0.3572
1.0000	0.1697	0.1822	0.1820	0.1697	0.1930	0.1658	0.1911	0.3673	0.3174	0.1991	0.2928
2.0000	0.2979	0.2768	0.2767	0.2979	0.2875	0.3066	0.2887	0.2420	0.1983	0.2971	0.1791
3.0000	0.0998	0.1054	0.1057	0.0998	0.0884	0.0444	0.0902	0.0981	0.0979	0.0879	0.0947
4.0000	0.0360	0.0510	0.0512	0.0360	0.0455	0.0726	0.0447	0.0274	0.0410	0.0431	0.0450
5.0000	0.0120	0.0060	0.0060	0.0120	0.0097	0.0025	0.0099	0.0055	0.0150	0.0084	0.0195
6.0000	0.0011	0.0019	0.0019	0.0011	0.0031	0.0106	0.0029	0.0008	0.0048	0.0024	0.0077
7.0000	0.0005	0.0012	0.0012	0.0005	0.0005	0.0000	0.0005	0.0001	0.0014	0.0003	0.0028
8.0000	0.0005	0.0003	0.0003	0.0005	0.0001	0.0011	0.0001	0.0000	0.0003	0.0001	0.0009

9.0000	0.0005	0.0000	0.0000	0.0005	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0003
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0107	0.0110	0.0107	0.0157	0.0300	0.0160	0.2000	0.0900	0.0300	0.0400
pe		0.1008	0.1014	0.1011	0.0967	0.2100	0.0869	0.4400	0.4000	0.0700	0.4400
Schedule		203.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2837	0.2828	0.2824	0.2837	0.2745	0.3244	0.2750	0.1945	0.2298	0.2579	0.2495
1.0000	0.1871	0.1904	0.1899	0.1871	0.1998	0.1601	0.2003	0.3379	0.3192	0.2112	0.3084
2.0000	0.3322	0.3125	0.3123	0.3322	0.3320	0.3303	0.3288	0.2724	0.2415	0.3456	0.2264
3.0000	0.1167	0.1332	0.1340	0.1167	0.1181	0.0641	0.1187	0.1352	0.1296	0.1165	0.1257
4.0000	0.0633	0.0677	0.0681	0.0633	0.0586	0.0968	0.0598	0.0461	0.0543	0.0549	0.0573
5.0000	0.0125	0.0090	0.0089	0.0125	0.0127	0.0054	0.0130	0.0114	0.0186	0.0107	0.0223
6.0000	0.0033	0.0026	0.0026	0.0033	0.0037	0.0166	0.0037	0.0021	0.0053	0.0028	0.0075
7.0000	0.0011	0.0014	0.0014	0.0011	0.0005	0.0001	0.0005	0.0003	0.0013	0.0004	0.0022
8.0000	0.0000	0.0004	0.0004	0.0000	0.0001	0.0020	0.0001	0.0000	0.0003	0.0001	0.0006
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0013	0.0019	0.0012	0.0128	0.0600	0.0121	0.1200	0.0700	0.0400	0.0400
pe		0.0682	0.0019	0.0686	0.0283	0.1900	0.0331	0.3500	0.3500	0.0600	0.3600
Schedule		204.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3661	0.3673	0.3669	0.3661	0.3614	0.3953	0.3607	0.2571	0.3113	0.3478	0.3449
1.0000	0.1871	0.1914	0.1910	0.1871	0.2001	0.1643	0.2000	0.3667	0.3253	0.2113	0.3004
2.0000	0.3039	0.2835	0.2833	0.3039	0.2919	0.3080	0.2939	0.2429	0.2056	0.3019	0.1855
3.0000	0.0878	0.1002	0.1008	0.0878	0.0913	0.0444	0.0902	0.0990	0.0993	0.0884	0.0964
4.0000	0.0453	0.0490	0.0493	0.0453	0.0442	0.0735	0.0433	0.0277	0.0397	0.0413	0.0443
5.0000	0.0049	0.0060	0.0060	0.0049	0.0084	0.0026	0.0088	0.0057	0.0136	0.0071	0.0183
6.0000	0.0038	0.0015	0.0015	0.0038	0.0024	0.0108	0.0026	0.0009	0.0040	0.0019	0.0069
7.0000	0.0011	0.0008	0.0009	0.0011	0.0003	0.0000	0.0004	0.0001	0.0010	0.0002	0.0023
8.0000	0.0000	0.0002	0.0003	0.0000	0.0001	0.0011	0.0001	0.0000	0.0002	0.0000	0.0007
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0019	0.0013	0.0021	0.0074	0.0400	0.0085	0.1800	0.0900	0.0200	0.0400
pe		0.0707	0.0715	0.0718	0.0558	0.1700	0.0524	0.4300	0.4300	0.0400	0.4100
Schedule		205.0000									

level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.4806	0.4758	0.4750	0.4806	0.4712	0.4783	0.4707	0.3736	0.4582	0.4701	0.4719
1.0000	0.2411	0.2508	0.2499	0.2411	0.2542	0.2176	0.2554	0.3811	0.2933	0.2496	0.2804
2.0000	0.1751	0.1691	0.1688	0.1751	0.1769	0.2315	0.1740	0.1805	0.1460	0.1817	0.1404
3.0000	0.0671	0.0659	0.0670	0.0671	0.0638	0.0313	0.0642	0.0526	0.0638	0.0661	0.0640
4.0000	0.0245	0.0277	0.0282	0.0245	0.0255	0.0359	0.0264	0.0105	0.0253	0.0250	0.0270
5.0000	0.0087	0.0075	0.0073	0.0087	0.0064	0.0011	0.0069	0.0015	0.0092	0.0058	0.0106
6.0000	0.0027	0.0026	0.0027	0.0027	0.0017	0.0041	0.0020	0.0002	0.0030	0.0014	0.0038
7.0000	0.0000	0.0006	0.0009	0.0000	0.0003	0.0000	0.0003	0.0000	0.0009	0.0002	0.0013
8.0000	0.0000	0.0001	0.0002	0.0000	0.0001	0.0003	0.0001	0.0000	0.0002	0.0000	0.0004
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0093	0.0109	0.0086	0.0181	0.0000	0.0191	0.2000	0.0400	0.0400	0.0200
pe		0.0428	0.0415	0.0428	0.0441	0.2700	0.0445	0.3500	0.1500	0.0800	0.1500
Schedule		206.0000									

level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.2941	0.2871	0.2867	0.2941	0.2779	0.3206	0.2766	0.1968	0.2347	0.2639	0.2535
1.0000	0.1702	0.1867	0.1860	0.1702	0.2017	0.1694	0.2034	0.3392	0.3188	0.2095	0.3083
2.0000	0.3426	0.3039	0.3034	0.3426	0.3262	0.3266	0.3273	0.2715	0.2387	0.3382	0.2245
3.0000	0.1173	0.1413	0.1423	0.1173	0.1212	0.0668	0.1185	0.1337	0.1279	0.1215	0.1243
4.0000	0.0584	0.0676	0.0683	0.0584	0.0566	0.0933	0.0558	0.0453	0.0540	0.0535	0.0568
5.0000	0.0120	0.0086	0.0086	0.0120	0.0125	0.0056	0.0139	0.0111	0.0187	0.0106	0.0222
6.0000	0.0049	0.0028	0.0027	0.0049	0.0033	0.0156	0.0039	0.0021	0.0055	0.0025	0.0075
7.0000	0.0000	0.0016	0.0016	0.0000	0.0005	0.0001	0.0006	0.0003	0.0013	0.0003	0.0022
8.0000	0.0005	0.0003	0.0004	0.0005	0.0001	0.0018	0.0001	0.0000	0.0003	0.0000	0.0006
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0099	0.0105	0.0099	0.0229	0.0400	0.0248	0.1300	0.0800	0.0500	0.0500
pe		0.1355	0.1379	0.1363	0.0802	0.1700	0.0796	0.3800	0.3800	0.1200	0.3900
Schedule		207.0000									

level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.2673	0.2636	0.2613	0.2673	0.2547	0.2702	0.2525	0.1656	0.2179	0.2370	0.2268
1.0000	0.1664	0.1817	0.1768	0.1664	0.1959	0.1807	0.1962	0.3178	0.2966	0.2032	0.2926
2.0000	0.3393	0.2689	0.2689	0.3393	0.3071	0.3286	0.3125	0.2831	0.2358	0.3228	0.2290
3.0000	0.1222	0.1692	0.1735	0.1222	0.1382	0.0882	0.1346	0.1552	0.1401	0.1412	0.1375
4.0000	0.0649	0.0937	0.0950	0.0649	0.0742	0.1025	0.0709	0.0585	0.0679	0.0711	0.0686
5.0000	0.0262	0.0164	0.0161	0.0262	0.0214	0.0092	0.0234	0.0160	0.0278	0.0184	0.0294
6.0000	0.0115	0.0039	0.0049	0.0115	0.0068	0.0178	0.0078	0.0033	0.0098	0.0052	0.0110
7.0000	0.0011	0.0020	0.0027	0.0011	0.0013	0.0003	0.0017	0.0005	0.0030	0.0009	0.0036

8.0000	0.0011	0.0007	0.0008	0.0011	0.0003	0.0022	0.0004	0.0001	0.0008	0.0002	0.0010
9.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002	0.0000	0.0003
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0051	0.0082	0.0044	0.0172	0.0000	0.0202	0.1400	0.0700	0.0300	0.0600
pe		0.2460	0.2468	0.2483	0.1331	0.1600	0.1131	0.3700	0.3400	0.1100	0.3600
Schedule		208.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3017	0.3006	0.2999	0.3017	0.3093	0.3636	0.3055	0.2058	0.2369	0.2816	0.2775
1.0000	0.1468	0.1535	0.1523	0.1468	0.1554	0.1252	0.1545	0.3444	0.3264	0.1823	0.3024
2.0000	0.3972	0.3722	0.3713	0.3972	0.3533	0.3388	0.3680	0.2676	0.2409	0.3750	0.2114
3.0000	0.0884	0.1070	0.1087	0.0884	0.1091	0.0465	0.1041	0.1280	0.1245	0.0964	0.1175
4.0000	0.0469	0.0517	0.0527	0.0469	0.0592	0.1020	0.0526	0.0421	0.0497	0.0532	0.0557
5.0000	0.0147	0.0093	0.0092	0.0147	0.0105	0.0037	0.0110	0.0101	0.0161	0.0086	0.0231
6.0000	0.0033	0.0035	0.0035	0.0033	0.0028	0.0179	0.0035	0.0018	0.0043	0.0026	0.0085
7.0000	0.0011	0.0016	0.0018	0.0011	0.0003	0.0001	0.0006	0.0002	0.0010	0.0003	0.0028
8.0000	0.0000	0.0005	0.0006	0.0000	0.0000	0.0021	0.0001	0.0000	0.0002	0.0001	0.0008
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0016	0.0026	8.5720	0.0109	0.0900	0.0054	0.1300	0.0900	0.0600	0.0300
pe		0.0885	0.0923	0.0901	0.1303	0.3000	0.0899	0.5400	0.5400	0.1400	0.5700
Schedule		209.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1626	0.1623	0.1593	0.1626	0.1587	0.2136	0.1551	0.0896	0.1157	0.1080	0.1016
1.0000	0.1200	0.1466	0.1432	0.1200	0.1514	0.0966	0.1495	0.2359	0.2399	0.1891	0.2384
2.0000	0.3524	0.2979	0.2920	0.3524	0.3087	0.3507	0.3211	0.2883	0.2607	0.3458	0.2749
3.0000	0.1724	0.1818	0.1876	0.1724	0.1678	0.0887	0.1677	0.2169	0.1949	0.1629	0.2062
4.0000	0.1233	0.1572	0.1621	0.1233	0.1493	0.1772	0.1405	0.1122	0.1111	0.1433	0.1121
5.0000	0.0458	0.0338	0.0345	0.0458	0.0431	0.0173	0.0436	0.0422	0.0508	0.0351	0.0466
6.0000	0.0158	0.0121	0.0118	0.0158	0.0171	0.0461	0.0176	0.0119	0.0191	0.0133	0.0153
7.0000	0.0049	0.0061	0.0067	0.0049	0.0031	0.0011	0.0037	0.0026	0.0059	0.0020	0.0040
8.0000	0.0022	0.0020	0.0024	0.0022	0.0007	0.0079	0.0010	0.0004	0.0015	0.0005	0.0008
9.0000	0.0005	0.0001	0.0002	0.0005	0.0001	0.0000	0.0002	0.0001	0.0003	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0009	0.0000	0.0000	0.0001	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0003	0.0039	2.9950	0.0047	0.0600	0.0090	0.0800	0.0500	0.0100	0.0700
pe		0.1695	0.1854	0.1868	0.1354	0.2700	0.1068	0.3000	0.2900	0.0400	0.2900

Schedule		210.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.7709	0.7708	0.7707	0.7709	0.7690	0.7702	0.7679	0.7343	0.7683	0.7719	0.7727
1.0000	0.1669	0.1662	0.1661	0.1669	0.1705	0.1646	0.1714	0.2293	0.1753	0.1643	0.1689
2.0000	0.0502	0.0500	0.0501	0.0502	0.0503	0.0586	0.0502	0.0332	0.0431	0.0525	0.0435
3.0000	0.0098	0.0104	0.0105	0.0098	0.0084	0.0032	0.0086	0.0030	0.0104	0.0094	0.0113
4.0000	0.0022	0.0021	0.0021	0.0022	0.0016	0.0032	0.0016	0.0002	0.0024	0.0017	0.0028
5.0000	0.0000	0.0004	0.0003	0.0000	0.0002	0.0000	0.0002	0.0000	0.0005	0.0002	0.0007
6.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0002	0.0000	0.0000	0.0001	0.0000	0.0001
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0006	0.0010	4.0832	0.0083	0.0000	0.0131	0.1600	0.0100	0.0500	0.0100
pe		0.0093	0.0096	0.0101	0.0258	0.0900	0.0284	0.3900	0.0900	0.0800	0.0400
Schedule		211.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.2804	0.2681	0.2673	0.2804	0.2665	0.2972	0.2668	0.1905	0.2208	0.2465	0.2379
1.0000	0.1718	0.1964	0.1955	0.1718	0.2015	0.1901	0.2015	0.3353	0.3199	0.2175	0.3109
2.0000	0.3497	0.3178	0.3179	0.3497	0.3336	0.3215	0.3307	0.2741	0.2469	0.3481	0.2333
3.0000	0.1200	0.1369	0.1380	0.1200	0.1218	0.0781	0.1245	0.1378	0.1327	0.1184	0.1292
4.0000	0.0622	0.0664	0.0667	0.0622	0.0600	0.0898	0.0599	0.0477	0.0549	0.0560	0.0577
5.0000	0.0125	0.0104	0.0103	0.0125	0.0127	0.0068	0.0127	0.0120	0.0183	0.0105	0.0216
6.0000	0.0022	0.0028	0.0028	0.0022	0.0033	0.0145	0.0033	0.0023	0.0051	0.0026	0.0069
7.0000	0.0011	0.0010	0.0011	0.0011	0.0005	0.0002	0.0005	0.0003	0.0012	0.0003	0.0019
8.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0017	0.0001	0.0000	0.0002	0.0000	0.0005
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0171	0.0181	0.0171	0.0193	0.0200	0.0189	0.1200	0.0800	0.0300	0.0600
pe		0.1120	0.1128	0.1111	0.0720	0.1900	0.0799	0.3800	0.3900	0.0900	0.3900
Schedule		212.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.3650	0.3634	0.3615	0.3650	0.3516	0.3773	0.3527	0.2359	0.3069	0.3415	0.3387
1.0000	0.1795	0.1864	0.1850	0.1795	0.1958	0.1568	0.1974	0.3589	0.3098	0.1995	0.2883
2.0000	0.2711	0.2497	0.2491	0.2711	0.2803	0.3177	0.2732	0.2535	0.2026	0.2901	0.1836
3.0000	0.1113	0.1165	0.1184	0.1113	0.1003	0.0482	0.1018	0.1102	0.1058	0.1020	0.1013
4.0000	0.0551	0.0704	0.0720	0.0551	0.0546	0.0823	0.0574	0.0329	0.0473	0.0524	0.0504
5.0000	0.0136	0.0095	0.0091	0.0136	0.0125	0.0032	0.0125	0.0072	0.0185	0.0108	0.0229
6.0000	0.0027	0.0027	0.0025	0.0027	0.0041	0.0130	0.0041	0.0012	0.0064	0.0032	0.0095

7.0000	0.0016	0.0011	0.0018	0.0016	0.0007	0.0001	0.0007	0.0001	0.0020	0.0004	0.0036
8.0000	0.0000	0.0002	0.0006	0.0000	0.0001	0.0014	0.0002	0.0000	0.0005	0.0001	0.0012
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0004
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0026	0.0055	0.0029	0.0211	0.0300	0.0194	0.1900	0.0800	0.0700	0.0300
pe		0.0846	0.0900	0.0907	0.0638	0.2800	0.0557	0.3600	0.3400	0.2000	0.3600
Schedule		213.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1282	0.1035	0.1034	0.1282	0.1309	0.2370	0.1283	0.0986	0.1015	0.0684	0.1000
1.0000	0.0906	0.1244	0.1237	0.0906	0.1302	0.0897	0.1199	0.2485	0.2489	0.1889	0.2487
2.0000	0.4774	0.4821	0.4817	0.4774	0.4114	0.3568	0.4325	0.2906	0.2872	0.4680	0.2889
3.0000	0.1566	0.1499	0.1502	0.1566	0.1508	0.0753	0.1551	0.2091	0.2067	0.1172	0.2080
4.0000	0.1211	0.1070	0.1071	0.1211	0.1514	0.1735	0.1413	0.1035	0.1037	0.1359	0.1036
5.0000	0.0224	0.0212	0.0208	0.0224	0.0204	0.0135	0.0184	0.0372	0.0384	0.0155	0.0378
6.0000	0.0033	0.0097	0.0101	0.0033	0.0049	0.0448	0.0043	0.0100	0.0108	0.0056	0.0104
7.0000	0.0005	0.0016	0.0023	0.0005	0.0002	0.0008	0.0003	0.0021	0.0023	0.0005	0.0022
8.0000	0.0000	0.0005	0.0007	0.0000	-0.0001	0.0076	0.0000	0.0003	0.0004	0.0001	0.0004
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0008	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0284	0.0284	0.0281	0.0031	0.1200	0.0001	0.0400	0.0300	0.0200	0.0700
pe		0.0787	0.0788	0.0788	0.1671	0.3600	0.1160	0.5100	0.5200	0.0500	0.5100
Schedule		214.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4484	0.4348	0.4347	0.4484	0.4389	0.4284	0.4393	0.3255	0.3863	0.4375	0.4347
1.0000	0.1669	0.1753	0.1752	0.1669	0.1800	0.2213	0.1779	0.3804	0.3225	0.1783	0.2802
2.0000	0.2804	0.2796	0.2796	0.2804	0.2876	0.2585	0.2861	0.2064	0.1749	0.2902	0.1519
3.0000	0.0715	0.0764	0.0766	0.0715	0.0612	0.0403	0.0652	0.0689	0.0758	0.0627	0.0751
4.0000	0.0289	0.0297	0.0298	0.0289	0.0267	0.0442	0.0259	0.0158	0.0280	0.0262	0.0344
5.0000	0.0027	0.0032	0.0032	0.0027	0.0045	0.0016	0.0045	0.0026	0.0091	0.0041	0.0147
6.0000	0.0005	0.0007	0.0007	0.0005	0.0011	0.0051	0.0010	0.0003	0.0026	0.0009	0.0058
7.0000	0.0005	0.0003	0.0003	0.0005	0.0001	0.0000	0.0001	0.0000	0.0007	0.0001	0.0021
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0004	0.0000	0.0000	0.0001	0.0000	0.0007
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0247	0.0249	0.0248	0.0172	0.0400	0.0165	0.2300	0.1200	0.0400	0.0300

pe		0.0287	0.0290	0.0285	0.0645	0.2400	0.0520	0.5500	0.5100	0.1100	0.4900
Schedule		215.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2635	0.2640	0.2633	0.2635	0.2517	0.2957	0.2507	0.1732	0.2104	0.2289	0.2213
1.0000	0.1708	0.1870	0.1864	0.1708	0.2003	0.1608	0.2010	0.3235	0.3075	0.2168	0.3025
2.0000	0.3486	0.2948	0.2942	0.3486	0.3220	0.3346	0.3231	0.2806	0.2462	0.3393	0.2374
3.0000	0.1277	0.1540	0.1551	0.1277	0.1341	0.0744	0.1328	0.1497	0.1405	0.1318	0.1376
4.0000	0.0578	0.0807	0.0815	0.0578	0.0684	0.1056	0.0674	0.0549	0.0629	0.0640	0.0643
5.0000	0.0245	0.0120	0.0121	0.0245	0.0174	0.0073	0.0184	0.0147	0.0231	0.0146	0.0253
6.0000	0.0065	0.0042	0.0041	0.0065	0.0051	0.0189	0.0056	0.0029	0.0071	0.0039	0.0085
7.0000	0.0005	0.0026	0.0026	0.0005	0.0008	0.0002	0.0008	0.0004	0.0019	0.0006	0.0025
8.0000	0.0000	0.0006	0.0006	0.0000	0.0002	0.0024	0.0002	0.0001	0.0004	0.0001	0.0006
9.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0006	0.0002	4.7772	0.0160	0.0500	0.0174	0.1200	0.0700	0.0400	0.0500
pe		0.1858	0.1882	0.1866	0.1115	0.2200	0.1058	0.3500	0.3500	0.1100	0.3500
Schedule		216.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2319	0.2284	0.2277	0.2319	0.2397	0.2919	0.2355	0.1569	0.1783	0.1915	0.1924
1.0000	0.1604	0.1631	0.1615	0.1604	0.1755	0.1356	0.1681	0.3107	0.3037	0.2228	0.2985
2.0000	0.3764	0.3623	0.3611	0.3764	0.3297	0.3455	0.3532	0.2857	0.2642	0.3639	0.2514
3.0000	0.1418	0.1551	0.1565	0.1418	0.1487	0.0705	0.1472	0.1616	0.1546	0.1308	0.1500
4.0000	0.0627	0.0677	0.0685	0.0627	0.0804	0.1212	0.0700	0.0629	0.0676	0.0698	0.0698
5.0000	0.0175	0.0122	0.0122	0.0175	0.0200	0.0078	0.0188	0.0178	0.0233	0.0159	0.0266
6.0000	0.0071	0.0057	0.0062	0.0071	0.0052	0.0238	0.0057	0.0038	0.0065	0.0046	0.0084
7.0000	0.0022	0.0042	0.0048	0.0022	0.0006	0.0003	0.0011	0.0006	0.0015	0.0006	0.0023
8.0000	0.0000	0.0012	0.0013	0.0000	0.0001	0.0032	0.0003	0.0001	0.0003	0.0001	0.0005
9.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0045	0.0054	0.0040	0.0102	0.0800	0.0047	0.0900	0.0700	0.0500	0.0500
pe		0.0588	0.0614	0.0622	0.1204	0.2900	0.0621	0.3500	0.3500	0.1300	0.3800

Schedule		217.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.3557	0.3387	0.3391	0.3557	0.3353	0.3509	0.3344	0.2213	0.2940	0.3237	0.3189
1.0000	0.1675	0.1844	0.1839	0.1675	0.2010	0.1704	0.1991	0.3524	0.3057	0.2047	0.2898
2.0000	0.2771	0.2533	0.2523	0.2771	0.2745	0.3180	0.2772	0.2606	0.2061	0.2861	0.1908
3.0000	0.1200	0.1381	0.1387	0.1200	0.1098	0.0574	0.1109	0.1185	0.1112	0.1120	0.1070
4.0000	0.0556	0.0698	0.0702	0.0556	0.0582	0.0840	0.0560	0.0371	0.0513	0.0558	0.0536
5.0000	0.0196	0.0097	0.0097	0.0196	0.0152	0.0042	0.0162	0.0084	0.0208	0.0132	0.0243
6.0000	0.0033	0.0034	0.0034	0.0033	0.0049	0.0134	0.0051	0.0014	0.0075	0.0038	0.0101
7.0000	0.0011	0.0021	0.0021	0.0011	0.0008	0.0001	0.0009	0.0002	0.0024	0.0006	0.0038
8.0000	0.0000	0.0005	0.0006	0.0000	0.0002	0.0015	0.0002	0.0000	0.0007	0.0001	0.0013
9.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0004
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0263	0.0258	0.0246	0.0317	0.0100	0.0331	0.2200	0.1000	0.0600	0.0600
pe		0.1312	0.1336	0.1316	0.0860	0.2500	0.0726	0.3800	0.3400	0.0900	0.3800
Schedule		218.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.3470	0.3460	0.3455	0.3470	0.3469	0.3890	0.3447	0.2338	0.2714	0.3274	0.3263
1.0000	0.1326	0.1405	0.1400	0.1326	0.1460	0.1357	0.1453	0.3580	0.3322	0.1642	0.2949
2.0000	0.3841	0.3596	0.3592	0.3841	0.3558	0.3263	0.3653	0.2546	0.2256	0.3717	0.1902
3.0000	0.0807	0.0970	0.0977	0.0807	0.0938	0.0422	0.0890	0.1114	0.1102	0.0850	0.1036
4.0000	0.0442	0.0479	0.0482	0.0442	0.0472	0.0882	0.0444	0.0335	0.0425	0.0429	0.0501
5.0000	0.0087	0.0059	0.0059	0.0087	0.0079	0.0028	0.0083	0.0073	0.0135	0.0066	0.0218
6.0000	0.0022	0.0018	0.0019	0.0022	0.0021	0.0142	0.0025	0.0012	0.0036	0.0019	0.0086
7.0000	0.0005	0.0010	0.0012	0.0005	0.0002	0.0001	0.0004	0.0002	0.0008	0.0002	0.0031
8.0000	0.0000	0.0003	0.0004	0.0000	0.0000	0.0015	0.0001	0.0000	0.0002	0.0000	0.0010
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0015	0.0022	0.0011	0.0002	0.0600	0.0035	0.1800	0.1200	0.0300	0.0400
pe		0.0862	0.0881	0.0867	0.0904	0.2500	0.0626	0.6200	0.6000	0.0800	0.6300
Schedule		219.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.2564	0.2553	0.2544	0.2564	0.2466	0.2992	0.2447	0.1684	0.2041	0.2214	0.2122
1.0000	0.1811	0.1859	0.1846	0.1811	0.1971	0.1473	0.1987	0.3199	0.3054	0.2163	0.3019
2.0000	0.3279	0.3064	0.3052	0.3279	0.3257	0.3399	0.3286	0.2822	0.2487	0.3446	0.2419
3.0000	0.1348	0.1477	0.1495	0.1348	0.1331	0.0705	0.1311	0.1532	0.1435	0.1295	0.1412
4.0000	0.0764	0.0845	0.0862	0.0764	0.0728	0.1119	0.0709	0.0572	0.0647	0.0680	0.0658
5.0000	0.0164	0.0130	0.0130	0.0164	0.0180	0.0072	0.0183	0.0155	0.0238	0.0150	0.0255
6.0000	0.0055	0.0039	0.0037	0.0055	0.0057	0.0209	0.0062	0.0032	0.0073	0.0044	0.0084

7.0000	0.0016	0.0025	0.0025	0.0016	0.0009	0.0002	0.0012	0.0005	0.0019	0.0006	0.0024
8.0000	0.0000	0.0007	0.0008	0.0000	0.0002	0.0027	0.0003	0.0001	0.0004	0.0001	0.0006
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0015	0.0026	0.0014	0.0132	0.0500	0.0157	0.1200	0.0800	0.0500	0.0700
pe		0.0726	0.0776	0.0753	0.0352	0.2300	0.0414	0.3100	0.3100	0.0900	0.3200
Schedule		220.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1817	0.1686	0.1685	0.1817	0.1890	0.2803	0.1830	0.1310	0.1339	0.1380	0.1356
1.0000	0.1037	0.1224	0.1221	0.1037	0.1344	0.1024	0.1221	0.2866	0.2862	0.1856	0.2860
2.0000	0.4817	0.4762	0.4758	0.4817	0.4153	0.3575	0.4509	0.2910	0.2878	0.4596	0.2859
3.0000	0.1375	0.1337	0.1341	0.1375	0.1298	0.0649	0.1323	0.1819	0.1804	0.0989	0.1796
4.0000	0.0704	0.0733	0.0735	0.0704	0.1153	0.1470	0.0925	0.0781	0.0788	0.1031	0.0791
5.0000	0.0202	0.0170	0.0168	0.0202	0.0140	0.0088	0.0153	0.0244	0.0253	0.0112	0.0259
6.0000	0.0049	0.0072	0.0073	0.0049	0.0024	0.0333	0.0034	0.0057	0.0062	0.0032	0.0065
7.0000	0.0000	0.0013	0.0016	0.0000	0.0000	0.0004	0.0005	0.0010	0.0012	0.0002	0.0013
8.0000	0.0000	0.0003	0.0004	0.0000	-0.0001	0.0050	0.0001	0.0001	0.0002	0.0000	0.0002
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0160	0.0162	0.0159	0.0089	0.1200	0.0016	0.0600	0.0600	0.0500	0.0500
pe		0.0464	0.0469	0.0469	0.1937	0.3900	0.1020	0.5200	0.5200	0.2300	0.5400
Schedule		221.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2231	0.2175	0.2147	0.2231	0.2109	0.2430	0.2077	0.1266	0.1785	0.1778	0.1697
1.0000	0.1648	0.1578	0.1524	0.1648	0.1886	0.1398	0.1898	0.2819	0.2722	0.2086	0.2744
2.0000	0.3110	0.2486	0.2416	0.3110	0.2937	0.3433	0.3014	0.2915	0.2414	0.3186	0.2488
3.0000	0.1544	0.2029	0.2094	0.1544	0.1592	0.0918	0.1551	0.1855	0.1598	0.1609	0.1638
4.0000	0.0938	0.1306	0.1382	0.0938	0.0970	0.1355	0.0922	0.0811	0.0861	0.0927	0.0859
5.0000	0.0295	0.0244	0.0251	0.0295	0.0341	0.0129	0.0348	0.0258	0.0393	0.0291	0.0375
6.0000	0.0169	0.0085	0.0080	0.0169	0.0127	0.0285	0.0139	0.0062	0.0154	0.0097	0.0139
7.0000	0.0049	0.0071	0.0076	0.0049	0.0030	0.0006	0.0038	0.0011	0.0053	0.0020	0.0044
8.0000	0.0016	0.0023	0.0028	0.0016	0.0008	0.0042	0.0010	0.0002	0.0015	0.0004	0.0012
9.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0000	0.0002	0.0000	0.0004	0.0001	0.0003
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	0.0001	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0071	0.0108	0.0083	0.0157	0.0300	0.0198	0.1200	0.0500	0.0500	0.0700

pe		0.2204	0.2556	0.2287	0.0781	0.2600	0.0606	0.2600	0.2700	0.0900	0.2600
Schedule		222.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3502	0.3480	0.3476	0.3502	0.3451	0.3842	0.3429	0.2303	0.2723	0.3265	0.3244
1.0000	0.1271	0.1363	0.1358	0.1271	0.1486	0.1368	0.1456	0.3565	0.3282	0.1653	0.2934
2.0000	0.3721	0.3528	0.3523	0.3721	0.3475	0.3271	0.3589	0.2563	0.2238	0.3623	0.1903
3.0000	0.0944	0.1068	0.1075	0.0944	0.0986	0.0435	0.0961	0.1134	0.1114	0.0915	0.1045
4.0000	0.0464	0.0474	0.0476	0.0464	0.0485	0.0892	0.0439	0.0345	0.0443	0.0445	0.0511
5.0000	0.0060	0.0058	0.0057	0.0060	0.0089	0.0029	0.0093	0.0076	0.0147	0.0075	0.0226
6.0000	0.0033	0.0017	0.0019	0.0033	0.0024	0.0145	0.0027	0.0013	0.0041	0.0020	0.0090
7.0000	0.0000	0.0009	0.0013	0.0000	0.0003	0.0001	0.0005	0.0002	0.0010	0.0002	0.0033
8.0000	0.0005	0.0003	0.0004	0.0005	0.0001	0.0016	0.0001	0.0000	0.0002	0.0000	0.0011
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0034	0.0040	0.0031	0.0078	0.0500	0.0112	0.1800	0.1200	0.0400	0.0400
pe		0.0691	0.0706	0.0694	0.0876	0.2500	0.0626	0.5800	0.5800	0.0900	0.6000
Schedule		223.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.0333	0.0170	0.0168	0.0333	0.0584	0.1504	0.0543	0.0421	0.0446	0.0285	0.0444
1.0000	0.0436	0.0752	0.0736	0.0436	0.0911	0.0508	0.0765	0.1497	0.1522	0.1257	0.1520
2.0000	0.4233	0.4560	0.4398	0.4233	0.3079	0.3245	0.3265	0.2470	0.2449	0.3321	0.2451
3.0000	0.2209	0.2125	0.2192	0.2209	0.1879	0.0849	0.1990	0.2508	0.2464	0.1780	0.2466
4.0000	0.1762	0.1250	0.1329	0.1762	0.2444	0.2426	0.2480	0.1751	0.1730	0.2253	0.1731
5.0000	0.0584	0.0433	0.0455	0.0584	0.0714	0.0302	0.0665	0.0889	0.0897	0.0601	0.0896
6.0000	0.0311	0.0490	0.0497	0.0311	0.0357	0.0893	0.0225	0.0339	0.0354	0.0442	0.0353
7.0000	0.0071	0.0156	0.0160	0.0071	0.0032	0.0034	0.0052	0.0098	0.0108	0.0048	0.0107
8.0000	0.0055	0.0060	0.0061	0.0055	0.0001	0.0206	0.0014	0.0022	0.0026	0.0012	0.0025
9.0000	0.0005	0.0004	0.0004	0.0005	-0.0001	0.0001	0.0002	0.0004	0.0005	0.0001	0.0005
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0031	0.0000	0.0000	0.0001	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0169	0.0171	0.0170	0.0260	0.1200	0.0217	0.0100	0.0200	0.0000	0.0100
pe		0.1720	0.1371	0.1380	0.3016	0.4300	0.2549	0.3600	0.3600	0.3000	0.3700
Schedule		224.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2553	0.2533	0.2530	0.2553	0.2419	0.2895	0.2416	0.1642	0.2006	0.2177	0.2096
1.0000	0.1746	0.1884	0.1878	0.1746	0.1981	0.1524	0.1995	0.3166	0.3027	0.2157	0.2989
2.0000	0.3262	0.2933	0.2932	0.3262	0.3201	0.3387	0.3183	0.2835	0.2491	0.3389	0.2417
3.0000	0.1402	0.1559	0.1564	0.1402	0.1390	0.0752	0.1385	0.1562	0.1456	0.1362	0.1429
4.0000	0.0802	0.0894	0.0892	0.0802	0.0753	0.1122	0.0752	0.0592	0.0666	0.0705	0.0677
5.0000	0.0164	0.0147	0.0144	0.0164	0.0189	0.0079	0.0197	0.0163	0.0249	0.0159	0.0268

6.0000	0.0055	0.0033	0.0036	0.0055	0.0057	0.0209	0.0061	0.0034	0.0078	0.0044	0.0090
7.0000	0.0011	0.0013	0.0019	0.0011	0.0008	0.0003	0.0009	0.0005	0.0021	0.0006	0.0026
8.0000	0.0005	0.0003	0.0005	0.0005	0.0002	0.0027	0.0002	0.0001	0.0005	0.0001	0.0006
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0027	0.0031	0.0026	0.0180	0.0400	0.0184	0.1300	0.0800	0.0600	0.0700
pe		0.1018	0.1022	0.1024	0.0524	0.2200	0.0589	0.3000	0.3200	0.0900	0.3200
Schedule		225.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1495	0.1305	0.1292	0.1495	0.1490	0.2152	0.1408	0.0983	0.1012	0.0972	0.0991
1.0000	0.0818	0.1254	0.1236	0.0818	0.1320	0.1147	0.1200	0.2480	0.2485	0.1797	0.2482
2.0000	0.4610	0.4281	0.4203	0.4610	0.3771	0.3457	0.4174	0.2905	0.2871	0.4189	0.2896
3.0000	0.1528	0.1619	0.1677	0.1528	0.1529	0.0964	0.1559	0.2094	0.2070	0.1312	0.2087
4.0000	0.1140	0.1193	0.1245	0.1140	0.1557	0.1626	0.1260	0.1038	0.1040	0.1460	0.1038
5.0000	0.0300	0.0240	0.0237	0.0300	0.0263	0.0174	0.0298	0.0374	0.0385	0.0208	0.0377
6.0000	0.0071	0.0083	0.0080	0.0071	0.0064	0.0395	0.0084	0.0101	0.0108	0.0057	0.0103
7.0000	0.0038	0.0021	0.0025	0.0038	0.0006	0.0010	0.0013	0.0021	0.0024	0.0006	0.0022
8.0000	0.0000	0.0004	0.0005	0.0000	0.0001	0.0065	0.0002	0.0003	0.0004	0.0001	0.0003
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0224	0.0239	0.0216	0.0006	0.0800	0.0102	0.0600	0.0600	0.0600	0.0700
pe		0.1178	0.1375	0.1389	0.2159	0.3600	0.1189	0.4900	0.4800	0.2500	0.4900
Schedule		226.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3819	0.3700	0.3688	0.3819	0.3702	0.3890	0.3686	0.2631	0.3238	0.3598	0.3545
1.0000	0.1757	0.1881	0.1869	0.1757	0.2020	0.1833	0.1997	0.3686	0.3212	0.2087	0.2981
2.0000	0.2990	0.2752	0.2753	0.2990	0.2824	0.2992	0.2893	0.2398	0.1993	0.2907	0.1815
3.0000	0.0917	0.1120	0.1134	0.0917	0.0925	0.0478	0.0910	0.0960	0.0966	0.0920	0.0941
4.0000	0.0376	0.0457	0.0461	0.0376	0.0412	0.0674	0.0388	0.0264	0.0394	0.0390	0.0434
5.0000	0.0104	0.0056	0.0056	0.0104	0.0089	0.0027	0.0096	0.0053	0.0139	0.0077	0.0181
6.0000	0.0038	0.0021	0.0024	0.0038	0.0023	0.0095	0.0026	0.0008	0.0043	0.0018	0.0069
7.0000	0.0000	0.0011	0.0013	0.0000	0.0004	0.0000	0.0005	0.0001	0.0012	0.0002	0.0024
8.0000	0.0000	0.0002	0.0003	0.0000	0.0001	0.0009	0.0001	0.0000	0.0003	0.0000	0.0007
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

er		0.0193	0.0212	0.0199	0.0189	0.0100	0.0215	0.1900	0.0900	0.0300	0.0400
pe		0.1173	0.1179	0.1186	0.0822	0.1600	0.0618	0.4500	0.4000	0.0800	0.4200
Schedule		227.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4097	0.3949	0.3944	0.4097	0.4016	0.3983	0.4026	0.2734	0.3229	0.3937	0.3906
1.0000	0.1124	0.1236	0.1235	0.1124	0.1261	0.1855	0.1227	0.3715	0.3311	0.1322	0.2790
2.0000	0.3557	0.3538	0.3536	0.3557	0.3569	0.2948	0.3573	0.2344	0.2020	0.3638	0.1647
3.0000	0.0829	0.0854	0.0859	0.0829	0.0730	0.0455	0.0773	0.0910	0.0932	0.0704	0.0881
4.0000	0.0316	0.0367	0.0369	0.0316	0.0352	0.0639	0.0329	0.0243	0.0353	0.0336	0.0437
5.0000	0.0065	0.0041	0.0041	0.0065	0.0055	0.0024	0.0055	0.0047	0.0114	0.0049	0.0201
6.0000	0.0011	0.0009	0.0009	0.0011	0.0015	0.0087	0.0014	0.0007	0.0032	0.0012	0.0086
7.0000	0.0000	0.0005	0.0005	0.0000	0.0002	0.0000	0.0002	0.0001	0.0008	0.0001	0.0034
8.0000	0.0000	0.0002	0.0002	0.0000	0.0000	0.0008	0.0000	0.0000	0.0002	0.0000	0.0012
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0251	0.0259	0.0251	0.0137	0.0200	0.0120	0.2300	0.1500	0.0300	0.0300
pe		0.0406	0.0419	0.0401	0.0508	0.3700	0.0344	0.6800	0.6400	0.0700	0.6800
Schedule		228.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1560	0.1393	0.1390	0.1560	0.1637	0.2157	0.1552	0.1010	0.1055	0.0994	0.1019
1.0000	0.1037	0.1232	0.1204	0.1037	0.1387	0.1202	0.1217	0.2516	0.2521	0.1974	0.2517
2.0000	0.4239	0.4211	0.4138	0.4239	0.3511	0.3443	0.3952	0.2910	0.2857	0.4021	0.2900
3.0000	0.1718	0.1769	0.1844	0.1718	0.1630	0.0985	0.1706	0.2071	0.2035	0.1392	0.2064
4.0000	0.0933	0.0914	0.0949	0.0933	0.1391	0.1585	0.1129	0.1013	0.1018	0.1252	0.1014
5.0000	0.0382	0.0274	0.0257	0.0382	0.0340	0.0174	0.0313	0.0361	0.0378	0.0267	0.0364
6.0000	0.0098	0.0150	0.0147	0.0098	0.0095	0.0377	0.0100	0.0096	0.0107	0.0088	0.0098
7.0000	0.0022	0.0046	0.0057	0.0022	0.0010	0.0010	0.0026	0.0020	0.0024	0.0010	0.0020
8.0000	0.0005	0.0011	0.0013	0.0005	0.0001	0.0062	0.0006	0.0003	0.0004	0.0002	0.0003
9.0000	0.0005	0.0001	0.0001	0.0005	0.0000	0.0000	0.0001	0.0000	0.0001	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0198	0.0201	0.0175	0.0091	0.0700	0.0009	0.0700	0.0600	0.0700	0.0800
pe		0.0578	0.0749	0.0763	0.2002	0.3500	0.0895	0.3900	0.3900	0.2300	0.3900
Schedule		229.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2973	0.2891	0.2889	0.2973	0.3016	0.3591	0.2986	0.2092	0.2252	0.2679	0.2688
1.0000	0.1495	0.1581	0.1577	0.1495	0.1606	0.1373	0.1556	0.3463	0.3369	0.1964	0.3107
2.0000	0.3939	0.3966	0.3962	0.3939	0.3654	0.3339	0.3827	0.2661	0.2521	0.3906	0.2187
3.0000	0.1037	0.1043	0.1049	0.1037	0.1081	0.0499	0.1067	0.1258	0.1245	0.0891	0.1183
4.0000	0.0475	0.0387	0.0391	0.0475	0.0542	0.0973	0.0458	0.0409	0.0452	0.0471	0.0532

5.0000	0.0071	0.0081	0.0080	0.0071	0.0084	0.0038	0.0083	0.0097	0.0127	0.0068	0.0206
6.0000	0.0011	0.0036	0.0035	0.0011	0.0017	0.0167	0.0021	0.0017	0.0028	0.0019	0.0069
7.0000	0.0000	0.0012	0.0013	0.0000	0.0001	0.0001	0.0002	0.0002	0.0005	0.0002	0.0020
8.0000	0.0000	0.0003	0.0004	0.0000	0.0000	0.0019	0.0000	0.0000	0.0001	0.0000	0.0005
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0116	0.0120	0.0113	0.0061	0.0800	0.0019	0.1300	0.1100	0.0500	0.0500
pe		0.0366	0.0359	0.0353	0.0750	0.2900	0.0347	0.5100	0.5100	0.1000	0.5400
Schedule		230.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1866	0.1699	0.1690	0.1866	0.1935	0.2485	0.1861	0.1265	0.1294	0.1445	0.1397
1.0000	0.1064	0.1290	0.1280	0.1064	0.1376	0.1330	0.1230	0.2819	0.2816	0.1863	0.2803
2.0000	0.4561	0.4462	0.4427	0.4561	0.3872	0.3456	0.4289	0.2915	0.2882	0.4260	0.2771
3.0000	0.1413	0.1480	0.1507	0.1413	0.1386	0.0874	0.1431	0.1856	0.1840	0.1136	0.1785
4.0000	0.0786	0.0798	0.0818	0.0786	0.1199	0.1381	0.0905	0.0812	0.0818	0.1100	0.0836
5.0000	0.0235	0.0187	0.0185	0.0235	0.0194	0.0123	0.0216	0.0258	0.0268	0.0156	0.0300
6.0000	0.0055	0.0064	0.0068	0.0055	0.0036	0.0297	0.0058	0.0062	0.0067	0.0037	0.0085
7.0000	0.0022	0.0016	0.0020	0.0022	0.0002	0.0006	0.0009	0.0011	0.0013	0.0003	0.0019
8.0000	0.0000	0.0003	0.0004	0.0000	0.0000	0.0044	0.0001	0.0002	0.0002	0.0000	0.0004
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0205	0.0216	0.0200	0.0085	0.0700	0.0006	0.0800	0.0700	0.0600	0.0600
pe		0.0578	0.0670	0.0680	0.1870	0.3600	0.0751	0.4800	0.4800	0.2200	0.5100
Schedule		231.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.6121	0.6025	0.6020	0.6121	0.5970	0.5946	0.5976	0.5151	0.5911	0.6027	0.6050
1.0000	0.2019	0.2196	0.2191	0.2019	0.2299	0.2196	0.2272	0.3500	0.2530	0.2171	0.2374
2.0000	0.1326	0.1201	0.1200	0.1326	0.1242	0.1514	0.1240	0.1104	0.0999	0.1277	0.0965
3.0000	0.0371	0.0403	0.0411	0.0371	0.0347	0.0162	0.0364	0.0214	0.0371	0.0381	0.0384
4.0000	0.0125	0.0133	0.0137	0.0125	0.0113	0.0162	0.0116	0.0029	0.0129	0.0116	0.0147
5.0000	0.0033	0.0029	0.0029	0.0033	0.0024	0.0004	0.0026	0.0003	0.0042	0.0023	0.0053
6.0000	0.0005	0.0009	0.0009	0.0005	0.0005	0.0016	0.0006	0.0000	0.0013	0.0005	0.0018
7.0000	0.0000	0.0003	0.0003	0.0000	0.0001	0.0000	0.0001	0.0000	0.0004	0.0001	0.0006
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0002
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0248	0.0261	0.0245	0.0389	0.0400	0.0374	0.2400	0.0500	0.0200	0.0100
pe		0.0913	0.0933	0.0930	0.1057	0.1800	0.0938	0.5100	0.2100	0.0500	0.2100
Schedule		232.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2553	0.2485	0.2480	0.2553	0.2435	0.2855	0.2418	0.1674	0.2020	0.2174	0.2090
1.0000	0.1800	0.1859	0.1849	0.1800	0.1999	0.1635	0.2002	0.3191	0.3053	0.2210	0.3023
2.0000	0.3284	0.3068	0.3061	0.3284	0.3225	0.3345	0.3268	0.2825	0.2499	0.3406	0.2440
3.0000	0.1364	0.1577	0.1592	0.1364	0.1376	0.0788	0.1356	0.1539	0.1444	0.1339	0.1424
4.0000	0.0742	0.0807	0.0816	0.0742	0.0718	0.1072	0.0695	0.0576	0.0650	0.0671	0.0659
5.0000	0.0191	0.0134	0.0135	0.0191	0.0183	0.0081	0.0188	0.0157	0.0238	0.0153	0.0253
6.0000	0.0060	0.0043	0.0041	0.0060	0.0053	0.0193	0.0058	0.0032	0.0073	0.0041	0.0082
7.0000	0.0005	0.0022	0.0021	0.0005	0.0009	0.0003	0.0012	0.0005	0.0019	0.0006	0.0023
8.0000	0.0000	0.0005	0.0005	0.0000	0.0002	0.0025	0.0002	0.0001	0.0004	0.0001	0.0005
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0092	0.0099	0.0094	0.0158	0.0300	0.0181	0.1300	0.0800	0.0600	0.0700
pe		0.0872	0.0901	0.0881	0.0423	0.1900	0.0385	0.3100	0.3100	0.0900	0.3100
Schedule		233.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1413	0.1287	0.1284	0.1413	0.1536	0.2292	0.1451	0.0950	0.0966	0.0831	0.0953
1.0000	0.1026	0.1165	0.1146	0.1026	0.1346	0.0918	0.1187	0.2435	0.2438	0.1973	0.2436
2.0000	0.4370	0.4302	0.4285	0.4370	0.3532	0.3540	0.3951	0.2898	0.2880	0.4123	0.2894
3.0000	0.1588	0.1777	0.1796	0.1588	0.1642	0.0796	0.1727	0.2123	0.2109	0.1385	0.2120
4.0000	0.1097	0.0962	0.0972	0.1097	0.1463	0.1751	0.1212	0.1069	0.1070	0.1293	0.1069
5.0000	0.0344	0.0283	0.0269	0.0344	0.0357	0.0149	0.0322	0.0391	0.0397	0.0274	0.0393
6.0000	0.0125	0.0156	0.0159	0.0125	0.0112	0.0457	0.0117	0.0107	0.0112	0.0106	0.0108
7.0000	0.0033	0.0051	0.0066	0.0033	0.0011	0.0009	0.0025	0.0022	0.0024	0.0013	0.0023
8.0000	0.0000	0.0016	0.0021	0.0000	0.0001	0.0079	0.0007	0.0004	0.0004	0.0003	0.0004
9.0000	0.0005	0.0001	0.0001	0.0005	0.0000	0.0000	0.0001	0.0000	0.0001	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0009	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0147	0.0150	0.0141	0.0143	0.1000	0.0044	0.0500	0.0500	0.0700	0.0700
pe		0.0771	0.0820	0.0829	0.1901	0.3500	0.1028	0.4100	0.4100	0.2000	0.4100

Schedule		234.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.3835	0.3778	0.3773	0.3835	0.3655	0.3915	0.3664	0.2493	0.3184	0.3575	0.3556
1.0000	0.1642	0.1847	0.1840	0.1642	0.1927	0.1578	0.1943	0.3641	0.3132	0.1948	0.2868
2.0000	0.2842	0.2563	0.2560	0.2842	0.2833	0.3126	0.2766	0.2468	0.1992	0.2919	0.1777
3.0000	0.0998	0.1063	0.1072	0.0998	0.0933	0.0447	0.0947	0.1030	0.1011	0.0951	0.0966
4.0000	0.0546	0.0642	0.0646	0.0546	0.0510	0.0775	0.0535	0.0295	0.0438	0.0489	0.0477
5.0000	0.0098	0.0077	0.0077	0.0098	0.0103	0.0027	0.0103	0.0062	0.0166	0.0090	0.0216
6.0000	0.0038	0.0018	0.0019	0.0038	0.0034	0.0118	0.0035	0.0010	0.0056	0.0026	0.0090
7.0000	0.0000	0.0009	0.0010	0.0000	0.0005	0.0001	0.0005	0.0001	0.0017	0.0003	0.0034
8.0000	0.0000	0.0003	0.0003	0.0000	0.0001	0.0012	0.0001	0.0000	0.0004	0.0001	0.0012
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0004
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0092	0.0101	0.0090	0.0292	0.0200	0.0277	0.2100	0.1000	0.0400	0.0400
pe		0.1132	0.1149	0.1153	0.0665	0.2100	0.0735	0.4400	0.4000	0.0800	0.4200
Schedule		235.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.5777	0.5661	0.5657	0.5777	0.5631	0.5673	0.5627	0.4726	0.5561	0.5690	0.5712
1.0000	0.2128	0.2359	0.2355	0.2128	0.2364	0.2121	0.2379	0.3639	0.2631	0.2224	0.2472
2.0000	0.1391	0.1308	0.1308	0.1391	0.1386	0.1757	0.1341	0.1301	0.1118	0.1427	0.1074
3.0000	0.0486	0.0425	0.0430	0.0486	0.0424	0.0196	0.0438	0.0286	0.0443	0.0464	0.0453
4.0000	0.0169	0.0171	0.0173	0.0169	0.0151	0.0222	0.0167	0.0043	0.0164	0.0154	0.0183
5.0000	0.0038	0.0052	0.0052	0.0038	0.0034	0.0005	0.0037	0.0005	0.0057	0.0032	0.0070
6.0000	0.0011	0.0019	0.0019	0.0011	0.0008	0.0024	0.0009	0.0000	0.0018	0.0007	0.0025
7.0000	0.0000	0.0004	0.0005	0.0000	0.0001	0.0000	0.0001	0.0000	0.0005	0.0001	0.0008
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0002	0.0000	0.0000	0.0001	0.0000	0.0003
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0274	0.0284	0.0268	0.0346	0.0300	0.0355	0.2600	0.0600	0.0300	0.0200
pe		0.0958	0.0945	0.0950	0.0779	0.1900	0.0841	0.4800	0.1900	0.0500	0.1900
Schedule		236.0000									
level	Actual	MBD	MDB-ADJ	MBD-ADJ2	CBD	DMD	CANEX	BIN	BBD	MSAD	HBBD
0.0000	0.7272	0.7261	0.7260	0.7272	0.7232	0.7095	0.7223	0.6683	0.7197	0.7268	0.7283
1.0000	0.1773	0.1787	0.1787	0.1773	0.1838	0.2015	0.1843	0.2732	0.1969	0.1762	0.1856
2.0000	0.0715	0.0716	0.0716	0.0715	0.0733	0.0775	0.0730	0.0519	0.0591	0.0754	0.0586
3.0000	0.0196	0.0180	0.0181	0.0196	0.0152	0.0064	0.0158	0.0061	0.0175	0.0169	0.0190
4.0000	0.0038	0.0046	0.0046	0.0038	0.0038	0.0048	0.0039	0.0005	0.0050	0.0039	0.0060
5.0000	0.0005	0.0007	0.0007	0.0005	0.0006	0.0001	0.0007	0.0000	0.0014	0.0006	0.0018
6.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0003	0.0001	0.0000	0.0003	0.0001	0.0005

7.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0042	0.0045	0.0042	0.0147	0.0800	0.0180	0.2300	0.0400	0.0100	0.0100
pe		0.0161	0.0160	0.0158	0.0473	0.1900	0.0466	0.4800	0.1100	0.0400	0.1100
Schedule		237.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2941	0.2791	0.2789	0.2941	0.2802	0.3079	0.2809	0.2012	0.2340	0.2647	0.2579
1.0000	0.1697	0.1980	0.1979	0.1697	0.2003	0.1946	0.1982	0.3418	0.3236	0.2110	0.3098
2.0000	0.3530	0.3230	0.3229	0.3530	0.3355	0.3174	0.3331	0.2696	0.2413	0.3482	0.2232
3.0000	0.1124	0.1284	0.1285	0.1124	0.1138	0.0745	0.1172	0.1309	0.1266	0.1121	0.1224
4.0000	0.0556	0.0595	0.0595	0.0556	0.0553	0.0846	0.0568	0.0437	0.0515	0.0519	0.0554
5.0000	0.0125	0.0088	0.0089	0.0125	0.0112	0.0061	0.0112	0.0106	0.0171	0.0094	0.0214
6.0000	0.0022	0.0024	0.0026	0.0022	0.0031	0.0132	0.0023	0.0019	0.0047	0.0024	0.0072
7.0000	0.0005	0.0006	0.0007	0.0005	0.0004	0.0002	0.0003	0.0003	0.0011	0.0003	0.0021
8.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0015	0.0000	0.0000	0.0002	0.0000	0.0005
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0212	0.0215	0.0212	0.0197	0.0300	0.0187	0.1300	0.0800	0.0400	0.0500
pe		0.1165	0.1169	0.1171	0.0739	0.2100	0.0793	0.4100	0.3800	0.0700	0.4200
Schedule		238.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1757	0.1597	0.1592	0.1757	0.1848	0.2867	0.1769	0.1206	0.1235	0.1325	0.1272
1.0000	0.1009	0.1172	0.1163	0.1009	0.1254	0.0747	0.1163	0.2754	0.2752	0.1720	0.2750
2.0000	0.4664	0.4766	0.4744	0.4664	0.4088	0.3671	0.4442	0.2920	0.2886	0.4599	0.2845
3.0000	0.1369	0.1267	0.1281	0.1369	0.1265	0.0516	0.1271	0.1905	0.1887	0.0992	0.1866
4.0000	0.0917	0.0875	0.0892	0.0917	0.1316	0.1643	0.1093	0.0854	0.0860	0.1162	0.0866
5.0000	0.0196	0.0181	0.0178	0.0196	0.0175	0.0076	0.0183	0.0279	0.0289	0.0132	0.0301
6.0000	0.0082	0.0112	0.0106	0.0082	0.0055	0.0405	0.0068	0.0068	0.0074	0.0064	0.0081
7.0000	0.0000	0.0023	0.0031	0.0000	0.0002	0.0004	0.0009	0.0013	0.0014	0.0005	0.0017
8.0000	0.0005	0.0008	0.0014	0.0005	-0.0001	0.0065	0.0002	0.0002	0.0002	0.0002	0.0003
9.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0194	0.0200	0.0191	0.0110	0.1300	0.0015	0.0700	0.0700	0.0600	0.0700

pe		0.0583	0.0522	0.0519	0.1674	0.4000	0.0836	0.5100	0.5100	0.1800	0.5100
Schedule		239.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1882	0.1781	0.1781	0.1882	0.1805	0.2505	0.1796	0.1185	0.1284	0.1417	0.1393
1.0000	0.1309	0.1567	0.1565	0.1309	0.1612	0.1155	0.1590	0.2730	0.2725	0.1963	0.2714
2.0000	0.3742	0.3579	0.3578	0.3742	0.3488	0.3503	0.3545	0.2920	0.2810	0.3771	0.2697
3.0000	0.1642	0.1549	0.1551	0.1642	0.1512	0.0810	0.1521	0.1922	0.1862	0.1392	0.1800
4.0000	0.1140	0.1250	0.1250	0.1140	0.1306	0.1494	0.1269	0.0870	0.0886	0.1236	0.0897
5.0000	0.0218	0.0204	0.0202	0.0218	0.0216	0.0123	0.0218	0.0286	0.0319	0.0172	0.0351
6.0000	0.0055	0.0057	0.0058	0.0055	0.0054	0.0344	0.0056	0.0071	0.0090	0.0044	0.0111
7.0000	0.0005	0.0010	0.0012	0.0005	0.0006	0.0006	0.0005	0.0013	0.0020	0.0004	0.0029
8.0000	0.0005	0.0002	0.0002	0.0005	0.0001	0.0054	0.0001	0.0002	0.0004	0.0001	0.0006
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0124	0.0124	0.0123	0.0095	0.0700	0.0106	0.0900	0.0800	0.0600	0.0600
pe		0.0798	0.0800	0.0801	0.1061	0.2500	0.0903	0.3600	0.3600	0.1400	0.3800
Schedule		240.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.6247	0.6224	0.6222	0.6247	0.6192	0.6180	0.6185	0.5566	0.6092	0.6206	0.6198
1.0000	0.2199	0.2237	0.2232	0.2199	0.2309	0.2259	0.2316	0.3330	0.2610	0.2266	0.2477
2.0000	0.1222	0.1147	0.1149	0.1222	0.1171	0.1336	0.1163	0.0925	0.0909	0.1191	0.0894
3.0000	0.0240	0.0303	0.0307	0.0240	0.0256	0.0111	0.0260	0.0158	0.0283	0.0267	0.0300
4.0000	0.0087	0.0075	0.0076	0.0087	0.0060	0.0106	0.0064	0.0019	0.0080	0.0060	0.0094
5.0000	0.0005	0.0009	0.0009	0.0005	0.0009	0.0001	0.0010	0.0002	0.0021	0.0009	0.0027
6.0000	0.0000	0.0002	0.0003	0.0000	0.0001	0.0007	0.0002	0.0000	0.0005	0.0001	0.0007
7.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0061	0.0065	0.0053	0.0147	0.0100	0.0165	0.1700	0.0300	0.0000	0.0000
pe		0.0521	0.0511	0.0513	0.0557	0.0800	0.0602	0.4200	0.1800	0.0500	0.1800

Schedule		241.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3159	0.3065	0.3055	0.3159	0.3036	0.3335	0.3038	0.2287	0.2551	0.2917	0.2814
1.0000	0.1762	0.1935	0.1924	0.1762	0.2027	0.2052	0.2021	0.3535	0.3363	0.2117	0.3192
2.0000	0.3573	0.3247	0.3249	0.3573	0.3425	0.3035	0.3407	0.2560	0.2348	0.3514	0.2160
3.0000	0.0998	0.1191	0.1206	0.0998	0.0996	0.0670	0.1020	0.1154	0.1140	0.0973	0.1111
4.0000	0.0387	0.0472	0.0475	0.0387	0.0408	0.0734	0.0403	0.0362	0.0427	0.0385	0.0473
5.0000	0.0087	0.0063	0.0061	0.0087	0.0084	0.0049	0.0087	0.0084	0.0130	0.0073	0.0173
6.0000	0.0027	0.0018	0.0018	0.0027	0.0020	0.0110	0.0021	0.0015	0.0033	0.0016	0.0056
7.0000	0.0005	0.0007	0.0009	0.0005	0.0003	0.0001	0.0003	0.0002	0.0007	0.0002	0.0016
8.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0012	0.0001	0.0000	0.0001	0.0000	0.0004
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0137	0.0151	0.0142	0.0180	0.0200	0.0177	0.1300	0.1000	0.0400	0.0600
pe		0.1190	0.1203	0.1182	0.0656	0.2400	0.0690	0.4400	0.4300	0.0700	0.4700
Schedule		242.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2821	0.2638	0.2626	0.2821	0.2647	0.2899	0.2640	0.1854	0.2213	0.2457	0.2358
1.0000	0.1697	0.1884	0.1868	0.1697	0.1986	0.1893	0.1983	0.3295	0.3126	0.2113	0.3054
2.0000	0.3273	0.3073	0.3065	0.3273	0.3253	0.3202	0.3255	0.2745	0.2424	0.3401	0.2310
3.0000	0.1348	0.1485	0.1511	0.1348	0.1259	0.0818	0.1266	0.1423	0.1345	0.1249	0.1310
4.0000	0.0660	0.0747	0.0764	0.0660	0.0649	0.0928	0.0640	0.0514	0.0590	0.0612	0.0609
5.0000	0.0147	0.0120	0.0119	0.0147	0.0154	0.0079	0.0160	0.0137	0.0214	0.0129	0.0241
6.0000	0.0049	0.0034	0.0031	0.0049	0.0044	0.0157	0.0045	0.0028	0.0066	0.0034	0.0083
7.0000	0.0005	0.0014	0.0014	0.0005	0.0007	0.0003	0.0008	0.0004	0.0018	0.0005	0.0025
8.0000	0.0000	0.0003	0.0003	0.0000	0.0001	0.0020	0.0002	0.0001	0.0004	0.0001	0.0007
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0255	0.0272	0.0258	0.0242	0.0100	0.0252	0.1300	0.0800	0.0500	0.0600
pe		0.0926	0.0980	0.0954	0.0591	0.1800	0.0596	0.3300	0.3300	0.1000	0.3600
Schedule		243.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3737	0.3663	0.3648	0.3737	0.3606	0.3778	0.3600	0.2515	0.3172	0.3506	0.3448

1.0000	0.1773	0.1877	0.1865	0.1773	0.2028	0.1803	0.2035	0.3626	0.3148	0.2071	0.2953
2.0000	0.2864	0.2551	0.2540	0.2864	0.2757	0.3026	0.2753	0.2450	0.1996	0.2847	0.1834
3.0000	0.1026	0.1206	0.1225	0.1026	0.0996	0.0513	0.0987	0.1030	0.1007	0.1009	0.0974
4.0000	0.0431	0.0577	0.0588	0.0431	0.0460	0.0724	0.0458	0.0302	0.0434	0.0439	0.0464
5.0000	0.0125	0.0088	0.0086	0.0125	0.0114	0.0033	0.0122	0.0065	0.0165	0.0099	0.0202
6.0000	0.0022	0.0023	0.0026	0.0022	0.0032	0.0110	0.0036	0.0011	0.0056	0.0025	0.0081
7.0000	0.0016	0.0012	0.0017	0.0016	0.0006	0.0001	0.0007	0.0001	0.0017	0.0004	0.0030
8.0000	0.0000	0.0003	0.0005	0.0000	0.0001	0.0012	0.0001	0.0000	0.0005	0.0001	0.0010
9.0000	0.0005	0.0000	0.0000	0.0005	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0003
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0119	0.0141	0.0115	0.0209	0.0100	0.0219	0.1900	0.0800	0.0300	0.0400
pe		0.1265	0.1317	0.1284	0.0731	0.1900	0.0752	0.4000	0.3700	0.0600	0.4000
Schedule		244.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2941	0.2916	0.2906	0.2941	0.2854	0.3372	0.2836	0.2118	0.2384	0.2693	0.2587
1.0000	0.1806	0.1906	0.1899	0.1806	0.2039	0.1713	0.2050	0.3452	0.3298	0.2164	0.3177
2.0000	0.3562	0.3243	0.3240	0.3562	0.3379	0.3196	0.3415	0.2637	0.2412	0.3498	0.2258
3.0000	0.1146	0.1268	0.1282	0.1146	0.1111	0.0622	0.1079	0.1254	0.1225	0.1083	0.1194
4.0000	0.0387	0.0557	0.0562	0.0387	0.0486	0.0880	0.0470	0.0415	0.0479	0.0452	0.0514
5.0000	0.0093	0.0067	0.0067	0.0093	0.0102	0.0050	0.0112	0.0101	0.0152	0.0086	0.0188
6.0000	0.0055	0.0024	0.0024	0.0055	0.0026	0.0147	0.0031	0.0019	0.0040	0.0020	0.0060
7.0000	0.0005	0.0015	0.0015	0.0005	0.0004	0.0001	0.0005	0.0003	0.0009	0.0003	0.0017
8.0000	0.0005	0.0003	0.0004	0.0005	0.0001	0.0018	0.0001	0.0000	0.0002	0.0000	0.0004
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0036	0.0049	0.0039	0.0123	0.0700	0.0149	0.1100	0.0700	0.0300	0.0500
pe		0.1106	0.1127	0.1107	0.0840	0.2300	0.0833	0.3900	0.4200	0.0800	0.4200
Schedule		245.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3841	0.3751	0.3732	0.3841	0.3712	0.3885	0.3693	0.2604	0.3263	0.3630	0.3576
1.0000	0.1724	0.1819	0.1799	0.1724	0.1992	0.1788	0.1989	0.3655	0.3158	0.2016	0.2930
2.0000	0.2919	0.2618	0.2600	0.2919	0.2773	0.2998	0.2821	0.2405	0.1963	0.2856	0.1784
3.0000	0.0960	0.1170	0.1203	0.0960	0.0945	0.0483	0.0929	0.0985	0.0974	0.0961	0.0941

4.0000	0.0398	0.0524	0.0548	0.0398	0.0440	0.0700	0.0408	0.0281	0.0414	0.0421	0.0449
5.0000	0.0098	0.0068	0.0068	0.0098	0.0103	0.0029	0.0113	0.0059	0.0155	0.0090	0.0197
6.0000	0.0044	0.0029	0.0026	0.0044	0.0029	0.0104	0.0036	0.0010	0.0052	0.0022	0.0080
7.0000	0.0011	0.0018	0.0019	0.0011	0.0005	0.0001	0.0008	0.0001	0.0016	0.0003	0.0030
8.0000	0.0005	0.0004	0.0005	0.0005	0.0001	0.0011	0.0002	0.0000	0.0004	0.0001	0.0010
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0003
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0147	0.0176	0.0158	0.0209	0.0100	0.0240	0.1900	0.0900	0.0300	0.0400
pe		0.1276	0.1368	0.1307	0.0813	0.1800	0.0703	0.4400	0.4000	0.0600	0.4200
Schedule		246.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3492	0.3402	0.3396	0.3492	0.3409	0.3803	0.3400	0.2421	0.2890	0.3204	0.3193
1.0000	0.1762	0.1956	0.1947	0.1762	0.2014	0.1610	0.1997	0.3591	0.3263	0.2207	0.3054
2.0000	0.3153	0.2978	0.2976	0.3153	0.2977	0.3129	0.3008	0.2496	0.2150	0.3115	0.1958
3.0000	0.1042	0.1049	0.1060	0.1042	0.0972	0.0484	0.0985	0.1080	0.1061	0.0910	0.1027
4.0000	0.0409	0.0501	0.0506	0.0409	0.0492	0.0799	0.0483	0.0325	0.0429	0.0451	0.0470
5.0000	0.0109	0.0075	0.0075	0.0109	0.0101	0.0033	0.0097	0.0072	0.0147	0.0084	0.0192
6.0000	0.0033	0.0024	0.0024	0.0033	0.0030	0.0127	0.0026	0.0012	0.0044	0.0025	0.0071
7.0000	0.0000	0.0011	0.0012	0.0000	0.0004	0.0001	0.0004	0.0002	0.0012	0.0003	0.0024
8.0000	0.0000	0.0003	0.0004	0.0000	0.0001	0.0014	0.0001	0.0000	0.0003	0.0001	0.0007
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0138	0.0147	0.0135	0.0128	0.0500	0.0141	0.1700	0.0900	0.0500	0.0500
pe		0.0807	0.0823	0.0813	0.0917	0.2000	0.0822	0.4200	0.3800	0.1100	0.4200
Schedule		247.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2782	0.2716	0.2703	0.2782	0.2646	0.3031	0.2631	0.1858	0.2238	0.2465	0.2353
1.0000	0.1811	0.1825	0.1808	0.1811	0.2023	0.1725	0.2040	0.3298	0.3118	0.2136	0.3061
2.0000	0.3241	0.2950	0.2944	0.3241	0.3189	0.3255	0.3206	0.2743	0.2406	0.3331	0.2316
3.0000	0.1288	0.1576	0.1601	0.1288	0.1311	0.0742	0.1279	0.1420	0.1338	0.1312	0.1310
4.0000	0.0655	0.0750	0.0764	0.0655	0.0621	0.0976	0.0610	0.0512	0.0591	0.0586	0.0606
5.0000	0.0158	0.0109	0.0108	0.0158	0.0158	0.0072	0.0172	0.0136	0.0217	0.0132	0.0239
6.0000	0.0055	0.0043	0.0040	0.0055	0.0043	0.0172	0.0050	0.0028	0.0068	0.0032	0.0082

7.0000	0.0005	0.0026	0.0026	0.0005	0.0008	0.0002	0.0009	0.0004	0.0018	0.0005	0.0025
8.0000	0.0005	0.0006	0.0006	0.0005	0.0001	0.0022	0.0002	0.0001	0.0004	0.0001	0.0007
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0092	0.0109	0.0098	0.0188	0.0300	0.0209	0.1300	0.0800	0.0500	0.0600
pe		0.1067	0.1119	0.1075	0.0471	0.1700	0.0477	0.3200	0.3200	0.0800	0.3300
Schedule		248.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.7600	0.7591	0.7590	0.7600	0.7584	0.7475	0.7567	0.6974	0.7489	0.7602	0.7634
1.0000	0.1457	0.1461	0.1461	0.1457	0.1501	0.1630	0.1503	0.2542	0.1770	0.1464	0.1584
2.0000	0.0758	0.0759	0.0759	0.0758	0.0743	0.0809	0.0769	0.0434	0.0519	0.0752	0.0510
3.0000	0.0153	0.0147	0.0147	0.0153	0.0128	0.0034	0.0125	0.0046	0.0157	0.0139	0.0178
4.0000	0.0033	0.0036	0.0036	0.0033	0.0036	0.0049	0.0030	0.0003	0.0047	0.0037	0.0063
5.0000	0.0000	0.0004	0.0005	0.0000	0.0005	0.0000	0.0004	0.0000	0.0013	0.0005	0.0022
6.0000	0.0000	0.0001	0.0002	0.0000	0.0001	0.0003	0.0001	0.0000	0.0004	0.0001	0.0007
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0038	0.0040	0.0038	0.0067	0.0500	0.0138	0.2600	0.0500	0.0000	0.0100
pe		0.0086	0.0087	0.0085	0.0388	0.1700	0.0388	0.6200	0.2100	0.0000	0.2100
Schedule		249.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2166	0.2042	0.2019	0.2166	0.2015	0.2313	0.1979	0.1193	0.1710	0.1643	0.1558
1.0000	0.1582	0.1496	0.1430	0.1582	0.1866	0.1380	0.1880	0.2713	0.2650	0.2087	0.2679
2.0000	0.3055	0.2335	0.2205	0.3055	0.2855	0.3390	0.2940	0.2891	0.2398	0.3126	0.2527
3.0000	0.1604	0.2153	0.2259	0.1604	0.1650	0.0973	0.1607	0.1917	0.1628	0.1682	0.1706
4.0000	0.0944	0.1410	0.1539	0.0944	0.1021	0.1408	0.0968	0.0885	0.0907	0.0981	0.0910
5.0000	0.0371	0.0304	0.0309	0.0371	0.0390	0.0155	0.0395	0.0302	0.0432	0.0333	0.0403
6.0000	0.0191	0.0131	0.0101	0.0191	0.0151	0.0315	0.0164	0.0079	0.0180	0.0115	0.0152
7.0000	0.0071	0.0096	0.0095	0.0071	0.0040	0.0008	0.0050	0.0016	0.0066	0.0026	0.0049
8.0000	0.0016	0.0029	0.0038	0.0016	0.0011	0.0051	0.0015	0.0003	0.0021	0.0006	0.0014
9.0000	0.0000	0.0003	0.0005	0.0000	0.0002	0.0000	0.0003	0.0000	0.0006	0.0001	0.0003

10.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0006	0.0001	0.0000	0.0002	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0158	0.0188	0.0139	0.0193	0.0100	0.0239	0.1300	0.0600	0.0700	0.0800
pe		0.2541	0.3134	0.2674	0.0899	0.2700	0.0660	0.2400	0.2400	0.1200	0.2400
Schedule		250.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.5706	0.5546	0.5538	0.5706	0.5607	0.5618	0.5611	0.4743	0.5544	0.5668	0.5692
1.0000	0.2302	0.2457	0.2452	0.2302	0.2406	0.2220	0.2403	0.3622	0.2658	0.2264	0.2501
2.0000	0.1288	0.1342	0.1344	0.1288	0.1375	0.1719	0.1335	0.1296	0.1120	0.1416	0.1076
3.0000	0.0464	0.0422	0.0427	0.0464	0.0424	0.0204	0.0446	0.0289	0.0438	0.0464	0.0448
4.0000	0.0191	0.0156	0.0158	0.0191	0.0146	0.0209	0.0161	0.0045	0.0160	0.0149	0.0179
5.0000	0.0038	0.0052	0.0053	0.0038	0.0032	0.0006	0.0035	0.0005	0.0055	0.0031	0.0068
6.0000	0.0011	0.0019	0.0021	0.0011	0.0008	0.0022	0.0008	0.0000	0.0018	0.0006	0.0025
7.0000	0.0000	0.0004	0.0006	0.0000	0.0001	0.0000	0.0001	0.0000	0.0005	0.0001	0.0008
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0002	0.0000	0.0000	0.0001	0.0000	0.0003
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0374	0.0391	0.0367	0.0231	0.0200	0.0221	0.2200	0.0400	0.0100	0.0000
pe		0.0730	0.0714	0.0701	0.0666	0.1900	0.0473	0.4000	0.1400	0.0500	0.1200
Schedule		251.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1675	0.1577	0.1536	0.1675	0.1721	0.2130	0.1607	0.1000	0.1151	0.1118	0.1023
1.0000	0.0911	0.1166	0.1089	0.0911	0.1363	0.1203	0.1196	0.2476	0.2493	0.1884	0.2480
2.0000	0.4190	0.3787	0.3601	0.4190	0.3338	0.3391	0.3848	0.2875	0.2710	0.3789	0.2847
3.0000	0.1637	0.1816	0.1995	0.1637	0.1605	0.1002	0.1673	0.2077	0.1957	0.1444	0.2057
4.0000	0.1015	0.1080	0.1222	0.1015	0.1421	0.1594	0.1118	0.1045	0.1047	0.1319	0.1046
5.0000	0.0371	0.0353	0.0302	0.0371	0.0397	0.0191	0.0363	0.0388	0.0439	0.0316	0.0397
6.0000	0.0115	0.0167	0.0144	0.0115	0.0130	0.0396	0.0136	0.0110	0.0149	0.0108	0.0116
7.0000	0.0055	0.0043	0.0083	0.0055	0.0021	0.0013	0.0044	0.0024	0.0042	0.0017	0.0027
8.0000	0.0027	0.0009	0.0026	0.0027	0.0004	0.0070	0.0013	0.0004	0.0010	0.0003	0.0005
9.0000	0.0005	0.0002	0.0003	0.0005	0.0000	0.0000	0.0003	0.0001	0.0002	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0009	0.0001	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000

13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0118	0.0167	0.0080	0.0055	0.0500	0.0082	0.0800	0.0700	0.0700	0.0800
pe		0.1208	0.1755	0.1647	0.2216	0.3500	0.0989	0.4100	0.4200	0.2400	0.4100
Schedule		252.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3650	0.3543	0.3526	0.3650	0.3556	0.3913	0.3540	0.2327	0.2843	0.3416	0.3368
1.0000	0.1200	0.1352	0.1346	0.1200	0.1424	0.1298	0.1394	0.3552	0.3209	0.1522	0.2863
2.0000	0.3573	0.3372	0.3330	0.3573	0.3394	0.3263	0.3479	0.2542	0.2153	0.3519	0.1829
3.0000	0.0922	0.1099	0.1128	0.0922	0.0973	0.0414	0.0977	0.1132	0.1096	0.0946	0.1018
4.0000	0.0486	0.0529	0.0557	0.0486	0.0515	0.0909	0.0456	0.0351	0.0461	0.0482	0.0515
5.0000	0.0142	0.0066	0.0067	0.0142	0.0102	0.0029	0.0107	0.0080	0.0167	0.0087	0.0240
6.0000	0.0022	0.0022	0.0022	0.0022	0.0031	0.0154	0.0038	0.0014	0.0053	0.0025	0.0104
7.0000	0.0005	0.0014	0.0018	0.0005	0.0005	0.0001	0.0007	0.0002	0.0015	0.0003	0.0041
8.0000	0.0000	0.0004	0.0006	0.0000	0.0001	0.0018	0.0002	0.0000	0.0004	0.0001	0.0015
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0005
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0002
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0168	0.0196	0.0163	0.0148	0.0500	0.0173	0.2000	0.1200	0.0300	0.0400
pe		0.1041	0.1199	0.1214	0.0839	0.2500	0.0674	0.5900	0.5600	0.0800	0.5900
Schedule		253.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1337	0.1177	0.1173	0.1337	0.1382	0.2274	0.1291	0.0917	0.0946	0.0779	0.0919
1.0000	0.0862	0.1156	0.1142	0.0862	0.1270	0.0859	0.1183	0.2364	0.2370	0.1787	0.2364
2.0000	0.4446	0.4214	0.4184	0.4446	0.3714	0.3509	0.4075	0.2854	0.2822	0.4235	0.2852
3.0000	0.1708	0.1649	0.1669	0.1708	0.1557	0.0776	0.1589	0.2145	0.2118	0.1333	0.2143
4.0000	0.1118	0.1323	0.1344	0.1118	0.1648	0.1803	0.1408	0.1122	0.1122	0.1520	0.1122
5.0000	0.0360	0.0300	0.0295	0.0360	0.0311	0.0159	0.0300	0.0434	0.0445	0.0239	0.0434
6.0000	0.0153	0.0135	0.0133	0.0153	0.0105	0.0501	0.0126	0.0128	0.0136	0.0094	0.0129
7.0000	0.0011	0.0035	0.0044	0.0011	0.0012	0.0011	0.0021	0.0029	0.0033	0.0011	0.0030
8.0000	0.0005	0.0010	0.0015	0.0005	0.0002	0.0095	0.0005	0.0005	0.0006	0.0002	0.0005
9.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0012	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0184	0.0189	0.0181	0.0052	0.1100	0.0053	0.0400	0.0400	0.0600	0.0700
pe		0.1037	0.1080	0.1082	0.2219	0.3700	0.1384	0.4300	0.4100	0.2400	0.4300
Schedule		254.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3972	0.3976	0.3975	0.3972	0.3984	0.4394	0.3972	0.2852	0.3156	0.3868	0.3854
1.0000	0.1288	0.1280	0.1280	0.1288	0.1341	0.1438	0.1323	0.3722	0.3465	0.1463	0.2908
2.0000	0.3803	0.3706	0.3706	0.3803	0.3653	0.2994	0.3711	0.2277	0.2080	0.3738	0.1689
3.0000	0.0622	0.0747	0.0749	0.0622	0.0711	0.0337	0.0704	0.0867	0.0890	0.0644	0.0864
4.0000	0.0278	0.0248	0.0249	0.0278	0.0267	0.0701	0.0248	0.0230	0.0300	0.0248	0.0403
5.0000	0.0033	0.0029	0.0029	0.0033	0.0036	0.0018	0.0035	0.0045	0.0083	0.0032	0.0174
6.0000	0.0005	0.0009	0.0009	0.0005	0.0007	0.0106	0.0006	0.0007	0.0020	0.0006	0.0070
7.0000	0.0000	0.0004	0.0004	0.0000	0.0001	0.0000	0.0001	0.0001	0.0004	0.0001	0.0026
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0011	0.0000	0.0000	0.0001	0.0000	0.0009
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0007	0.0005	7.4477	0.0020	0.0700	0.0000	0.1900	0.1400	0.0200	0.0200
pe		0.0451	0.0455	0.0455	0.0513	0.3000	0.0403	0.7200	0.7000	0.0500	0.7200
Schedule		255.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3153	0.3088	0.3070	0.3153	0.2967	0.3087	0.2969	0.1862	0.2599	0.2793	0.2771
1.0000	0.1757	0.1847	0.1828	0.1757	0.2029	0.1653	0.2036	0.3300	0.2939	0.2101	0.2849
2.0000	0.2717	0.2287	0.2281	0.2717	0.2665	0.3281	0.2634	0.2742	0.2141	0.2815	0.2028
3.0000	0.1211	0.1584	0.1603	0.1211	0.1278	0.0710	0.1281	0.1417	0.1249	0.1310	0.1205
4.0000	0.0835	0.0924	0.0929	0.0835	0.0726	0.0995	0.0731	0.0510	0.0626	0.0702	0.0634
5.0000	0.0196	0.0177	0.0172	0.0196	0.0232	0.0068	0.0242	0.0136	0.0278	0.0202	0.0302
6.0000	0.0104	0.0056	0.0063	0.0104	0.0081	0.0178	0.0084	0.0028	0.0111	0.0062	0.0131
7.0000	0.0027	0.0028	0.0041	0.0027	0.0017	0.0002	0.0019	0.0004	0.0040	0.0012	0.0052
8.0000	0.0000	0.0008	0.0012	0.0000	0.0004	0.0023	0.0004	0.0001	0.0013	0.0002	0.0019
9.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0000	0.0001	0.0000	0.0004	0.0000	0.0006
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0001	0.0000	0.0002
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0095	0.0121	0.0097	0.0272	0.0200	0.0269	0.2000	0.0900	0.0600	0.0600
pe		0.1548	0.1585	0.1590	0.0838	0.2400	0.0898	0.3400	0.3100	0.1000	0.3200

Schedule		256.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.6508	0.6453	0.6451	0.6508	0.6425	0.6400	0.6408	0.5610	0.6327	0.6460	0.6485
1.0000	0.1844	0.2001	0.1998	0.1844	0.2050	0.1970	0.2056	0.3302	0.2349	0.1971	0.2167
2.0000	0.1266	0.1098	0.1099	0.1266	0.1126	0.1364	0.1131	0.0911	0.0864	0.1147	0.0832
3.0000	0.0262	0.0310	0.0313	0.0262	0.0282	0.0113	0.0287	0.0156	0.0307	0.0305	0.0324
4.0000	0.0082	0.0108	0.0109	0.0082	0.0094	0.0137	0.0094	0.0019	0.0105	0.0095	0.0124
5.0000	0.0038	0.0022	0.0022	0.0038	0.0019	0.0002	0.0018	0.0002	0.0034	0.0018	0.0046
6.0000	0.0000	0.0006	0.0006	0.0000	0.0004	0.0013	0.0004	0.0000	0.0010	0.0004	0.0016
7.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0000	0.0001	0.0000	0.0003	0.0001	0.0005
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0002
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0156	0.0163	0.0153	0.0238	0.0300	0.0286	0.2500	0.0500	0.0100	0.0100
pe		0.1209	0.1212	0.1212	0.1151	0.1400	0.1171	0.5700	0.2600	0.0900	0.2600
Schedule		257.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3912	0.3747	0.3759	0.3912	0.3827	0.3716	0.3828	0.2653	0.3104	0.3733	0.3698
1.0000	0.1331	0.1452	0.1440	0.1331	0.1477	0.2110	0.1492	0.3670	0.3320	0.1549	0.2878
2.0000	0.3361	0.3247	0.3237	0.3361	0.3344	0.2881	0.3310	0.2380	0.2073	0.3416	0.1730
3.0000	0.1020	0.1091	0.1100	0.1020	0.0954	0.0552	0.0957	0.0960	0.0968	0.0934	0.0917
4.0000	0.0289	0.0385	0.0389	0.0289	0.0322	0.0614	0.0335	0.0270	0.0370	0.0303	0.0445
5.0000	0.0060	0.0057	0.0056	0.0060	0.0062	0.0032	0.0064	0.0056	0.0120	0.0054	0.0200
6.0000	0.0027	0.0014	0.0013	0.0027	0.0012	0.0085	0.0013	0.0009	0.0034	0.0010	0.0083
7.0000	0.0000	0.0005	0.0005	0.0000	0.0002	0.0001	0.0002	0.0001	0.0008	0.0001	0.0032
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0009	0.0000	0.0000	0.0002	0.0000	0.0012
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0271	0.0252	0.0235	0.0140	0.0300	0.0138	0.2000	0.1300	0.0300	0.0300
pe		0.0695	0.0718	0.0657	0.0462	0.3400	0.0560	0.5600	0.5900	0.0700	0.6100

Schedule		258.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.5494	0.5456	0.5448	0.5494	0.5402	0.5241	0.5392	0.4577	0.5272	0.5399	0.5415
1.0000	0.2297	0.2381	0.2374	0.2297	0.2464	0.2563	0.2474	0.3666	0.2836	0.2433	0.2683
2.0000	0.1549	0.1438	0.1441	0.1549	0.1504	0.1764	0.1498	0.1376	0.1207	0.1531	0.1164
3.0000	0.0464	0.0503	0.0511	0.0464	0.0445	0.0229	0.0443	0.0322	0.0456	0.0459	0.0468
4.0000	0.0147	0.0174	0.0177	0.0147	0.0148	0.0181	0.0149	0.0052	0.0158	0.0145	0.0177
5.0000	0.0044	0.0034	0.0033	0.0044	0.0030	0.0005	0.0035	0.0006	0.0050	0.0028	0.0063
6.0000	0.0005	0.0011	0.0011	0.0005	0.0007	0.0015	0.0008	0.0001	0.0015	0.0006	0.0021
7.0000	0.0000	0.0003	0.0004	0.0000	0.0001	0.0000	0.0001	0.0000	0.0004	0.0001	0.0006
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0002
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0085	0.0103	0.0084	0.0204	0.0600	0.0226	0.2100	0.0500	0.0200	0.0200
pe		0.0626	0.0629	0.0632	0.0553	0.1800	0.0586	0.4000	0.1800	0.0400	0.1800
Schedule		259.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3377	0.3312	0.3301	0.3377	0.3213	0.3399	0.3185	0.2152	0.2794	0.3046	0.3019
1.0000	0.1735	0.1836	0.1822	0.1735	0.2052	0.1739	0.2038	0.3470	0.3083	0.2152	0.2946
2.0000	0.2891	0.2558	0.2546	0.2891	0.2766	0.3169	0.2845	0.2622	0.2126	0.2902	0.1981
3.0000	0.1173	0.1406	0.1428	0.1173	0.1149	0.0619	0.1141	0.1233	0.1150	0.1151	0.1109
4.0000	0.0573	0.0711	0.0725	0.0573	0.0596	0.0861	0.0552	0.0404	0.0527	0.0564	0.0548
5.0000	0.0196	0.0108	0.0109	0.0196	0.0162	0.0050	0.0168	0.0098	0.0212	0.0139	0.0244
6.0000	0.0049	0.0037	0.0037	0.0049	0.0051	0.0143	0.0056	0.0018	0.0075	0.0039	0.0099
7.0000	0.0000	0.0024	0.0025	0.0000	0.0009	0.0001	0.0012	0.0003	0.0024	0.0006	0.0037
8.0000	0.0005	0.0006	0.0007	0.0005	0.0002	0.0017	0.0003	0.0000	0.0007	0.0001	0.0012
9.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0004
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0097	0.0115	0.0095	0.0248	0.0000	0.0290	0.1900	0.0900	0.0500	0.0600
pe		0.1405	0.1458	0.1428	0.0811	0.2100	0.0681	0.3600	0.3200	0.0800	0.3600
Schedule		260.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1708	0.1574	0.1551	0.1708	0.1551	0.2036	0.1510	0.0862	0.1135	0.1039	0.0974

1.0000	0.1118	0.1454	0.1417	0.1118	0.1501	0.0994	0.1477	0.2284	0.2339	0.1863	0.2314
2.0000	0.3186	0.2687	0.2633	0.3186	0.2964	0.3429	0.3104	0.2835	0.2557	0.3328	0.2713
3.0000	0.1811	0.1924	0.1982	0.1811	0.1717	0.0952	0.1716	0.2190	0.1948	0.1698	0.2082
4.0000	0.1457	0.1741	0.1764	0.1457	0.1523	0.1785	0.1427	0.1178	0.1147	0.1479	0.1169
5.0000	0.0436	0.0423	0.0415	0.0436	0.0493	0.0204	0.0493	0.0468	0.0550	0.0406	0.0508
6.0000	0.0213	0.0129	0.0134	0.0213	0.0201	0.0483	0.0210	0.0142	0.0221	0.0155	0.0176
7.0000	0.0055	0.0049	0.0076	0.0055	0.0039	0.0015	0.0048	0.0034	0.0075	0.0025	0.0050
8.0000	0.0016	0.0017	0.0026	0.0016	0.0010	0.0090	0.0012	0.0006	0.0022	0.0006	0.0012
9.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0000	0.0002	0.0001	0.0005	0.0001	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0012	0.0000	0.0000	0.0001	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0162	0.0190	0.0156	0.0189	0.0400	0.0239	0.1000	0.0700	0.0000	0.0900
pe		0.1613	0.1765	0.1779	0.1034	0.2700	0.0771	0.2800	0.2800	0.0000	0.2800
Schedule		261.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.5979	0.5971	0.5963	0.5979	0.5931	0.5960	0.5918	0.5193	0.5800	0.5917	0.5923
1.0000	0.2209	0.2265	0.2253	0.2209	0.2327	0.2160	0.2347	0.3473	0.2686	0.2329	0.2542
2.0000	0.1380	0.1238	0.1239	0.1380	0.1296	0.1576	0.1288	0.1089	0.1017	0.1312	0.0990
3.0000	0.0300	0.0381	0.0393	0.0300	0.0325	0.0136	0.0324	0.0212	0.0346	0.0327	0.0362
4.0000	0.0104	0.0123	0.0127	0.0104	0.0099	0.0153	0.0099	0.0029	0.0108	0.0095	0.0125
5.0000	0.0027	0.0015	0.0014	0.0027	0.0018	0.0002	0.0019	0.0003	0.0031	0.0017	0.0041
6.0000	0.0000	0.0005	0.0006	0.0000	0.0004	0.0012	0.0004	0.0000	0.0008	0.0003	0.0012
7.0000	0.0000	0.0003	0.0004	0.0000	0.0001	0.0000	0.0001	0.0000	0.0002	0.0000	0.0004
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0021	0.0041	6.2147	0.0119	0.0100	0.0152	0.2000	0.0500	0.0800	0.0200
pe		0.0793	0.0808	0.0804	0.0612	0.1200	0.0676	0.4200	0.2200	0.1400	0.2000
Schedule		262.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3639	0.3441	0.3426	0.3639	0.3480	0.3460	0.3475	0.2424	0.3044	0.3360	0.3325
1.0000	0.1800	0.1964	0.1934	0.1800	0.2057	0.2110	0.2045	0.3592	0.3159	0.2126	0.2966
2.0000	0.2793	0.2604	0.2590	0.2793	0.2771	0.2962	0.2788	0.2495	0.2051	0.2869	0.1880
3.0000	0.1107	0.1273	0.1316	0.1107	0.1044	0.0634	0.1052	0.1078	0.1045	0.1049	0.1008

4.0000	0.0507	0.0574	0.0588	0.0507	0.0491	0.0679	0.0470	0.0325	0.0451	0.0466	0.0482
5.0000	0.0098	0.0091	0.0090	0.0098	0.0118	0.0043	0.0126	0.0072	0.0170	0.0101	0.0210
6.0000	0.0049	0.0033	0.0034	0.0049	0.0032	0.0099	0.0035	0.0012	0.0057	0.0025	0.0083
7.0000	0.0005	0.0016	0.0018	0.0005	0.0005	0.0001	0.0007	0.0002	0.0017	0.0004	0.0030
8.0000	0.0000	0.0004	0.0005	0.0000	0.0001	0.0011	0.0002	0.0000	0.0005	0.0001	0.0010
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0003
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0311	0.0336	0.0298	0.0250	0.0200	0.0258	0.1800	0.0900	0.0200	0.0400
pe		0.0980	0.1049	0.1011	0.0623	0.1900	0.0610	0.3800	0.3800	0.0500	0.3800
Schedule		263.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2553	0.2525	0.2499	0.2553	0.2433	0.2624	0.2415	0.1594	0.2070	0.2204	0.2106
1.0000	0.1675	0.1823	0.1765	0.1675	0.1964	0.1776	0.1967	0.3102	0.2935	0.2091	0.2921
2.0000	0.3344	0.2643	0.2633	0.3344	0.3050	0.3273	0.3088	0.2829	0.2392	0.3231	0.2363
3.0000	0.1348	0.1747	0.1808	0.1348	0.1441	0.0919	0.1415	0.1606	0.1445	0.1460	0.1433
4.0000	0.0655	0.0991	0.1006	0.0655	0.0776	0.1070	0.0752	0.0635	0.0710	0.0740	0.0712
5.0000	0.0267	0.0191	0.0185	0.0267	0.0238	0.0107	0.0254	0.0185	0.0296	0.0202	0.0302
6.0000	0.0131	0.0045	0.0059	0.0131	0.0077	0.0197	0.0085	0.0041	0.0107	0.0058	0.0112
7.0000	0.0016	0.0025	0.0034	0.0016	0.0016	0.0004	0.0019	0.0007	0.0034	0.0011	0.0036
8.0000	0.0011	0.0009	0.0011	0.0011	0.0004	0.0027	0.0004	0.0001	0.0009	0.0002	0.0010
9.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0000	0.0001	0.0000	0.0002	0.0000	0.0003
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0038	0.0072	0.0029	0.0161	0.0000	0.0185	0.1400	0.0700	0.0400	0.0700
pe		0.2359	0.2397	0.2412	0.1192	0.1800	0.1050	0.3200	0.3400	0.0800	0.3200
Schedule		264.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1729	0.1524	0.1522	0.1729	0.1794	0.2441	0.1709	0.1152	0.1181	0.1225	0.1172
1.0000	0.0987	0.1160	0.1139	0.0987	0.1297	0.1145	0.1166	0.2665	0.2666	0.1806	0.2666
2.0000	0.4424	0.4489	0.4433	0.4424	0.3838	0.3470	0.4253	0.2891	0.2858	0.4345	0.2868
3.0000	0.1560	0.1519	0.1554	0.1560	0.1397	0.0836	0.1425	0.1951	0.1932	0.1147	0.1937
4.0000	0.0938	0.0908	0.0959	0.0938	0.1350	0.1525	0.1095	0.0917	0.0921	0.1207	0.0920
5.0000	0.0256	0.0215	0.0213	0.0256	0.0242	0.0138	0.0250	0.0318	0.0328	0.0185	0.0325
6.0000	0.0076	0.0131	0.0111	0.0076	0.0076	0.0367	0.0081	0.0084	0.0091	0.0075	0.0089

7.0000	0.0016	0.0044	0.0050	0.0016	0.0006	0.0008	0.0017	0.0017	0.0020	0.0008	0.0019
8.0000	0.0011	0.0009	0.0018	0.0011	0.0000	0.0062	0.0003	0.0003	0.0003	0.0002	0.0003
9.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0248	0.0251	0.0227	0.0079	0.0900	0.0024	0.0700	0.0600	0.1600	0.0600
pe		0.0528	0.0373	0.0378	0.1821	0.3500	0.0802	0.4500	0.4600	0.0600	0.4500
Schedule		265.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.6121	0.6063	0.6057	0.6121	0.6035	0.5882	0.6024	0.5342	0.5903	0.6028	0.6036
1.0000	0.2095	0.2223	0.2212	0.2095	0.2306	0.2485	0.2308	0.3416	0.2672	0.2298	0.2512
2.0000	0.1397	0.1262	0.1265	0.1397	0.1267	0.1373	0.1279	0.1024	0.0976	0.1282	0.0951
3.0000	0.0295	0.0343	0.0355	0.0295	0.0295	0.0142	0.0295	0.0191	0.0319	0.0298	0.0338
4.0000	0.0087	0.0091	0.0094	0.0087	0.0080	0.0108	0.0078	0.0025	0.0095	0.0078	0.0113
5.0000	0.0005	0.0014	0.0012	0.0005	0.0014	0.0002	0.0013	0.0002	0.0026	0.0013	0.0036
6.0000	0.0000	0.0004	0.0004	0.0000	0.0002	0.0008	0.0002	0.0000	0.0007	0.0002	0.0011
7.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0003
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0150	0.0166	0.0143	0.0222	0.0600	0.0250	0.1900	0.0500	0.0200	0.0200
pe		0.0847	0.0847	0.0850	0.0925	0.1500	0.0902	0.4900	0.2600	0.0800	0.2600
Schedule		266.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.7370	0.7364	0.7360	0.7370	0.7346	0.7237	0.7337	0.6955	0.7310	0.7352	0.7369
1.0000	0.1828	0.1840	0.1840	0.1828	0.1894	0.2041	0.1900	0.2554	0.2004	0.1875	0.1920
2.0000	0.0687	0.0627	0.0629	0.0687	0.0623	0.0651	0.0626	0.0440	0.0520	0.0632	0.0524
3.0000	0.0071	0.0136	0.0138	0.0071	0.0113	0.0041	0.0112	0.0047	0.0128	0.0116	0.0140
4.0000	0.0044	0.0027	0.0028	0.0044	0.0022	0.0028	0.0021	0.0004	0.0030	0.0022	0.0036
5.0000	0.0000	0.0004	0.0004	0.0000	0.0003	0.0000	0.0003	0.0000	0.0006	0.0003	0.0009
6.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0002
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0022	0.0037	0.0017	0.0091	0.0600	0.0125	0.1700	0.0300	0.0200	0.0100
pe		0.0604	0.0598	0.0593	0.0749	0.1200	0.0760	0.3800	0.1900	0.0800	0.1200
Schedule		267.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.5652	0.5390	0.5379	0.5652	0.5412	0.5285	0.5417	0.4523	0.5401	0.5508	0.5528
1.0000	0.2100	0.2492	0.2480	0.2100	0.2501	0.2514	0.2495	0.3679	0.2662	0.2290	0.2532
2.0000	0.1446	0.1322	0.1324	0.1446	0.1392	0.1687	0.1343	0.1403	0.1170	0.1444	0.1129
3.0000	0.0556	0.0506	0.0522	0.0556	0.0477	0.0274	0.0499	0.0333	0.0480	0.0534	0.0486
4.0000	0.0164	0.0194	0.0200	0.0164	0.0166	0.0204	0.0185	0.0055	0.0186	0.0175	0.0201
5.0000	0.0065	0.0069	0.0067	0.0065	0.0041	0.0010	0.0048	0.0007	0.0068	0.0040	0.0079
6.0000	0.0016	0.0023	0.0022	0.0016	0.0009	0.0023	0.0011	0.0001	0.0023	0.0008	0.0030
7.0000	0.0000	0.0004	0.0005	0.0000	0.0002	0.0000	0.0002	0.0000	0.0007	0.0001	0.0010
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0002	0.0000	0.0000	0.0002	0.0000	0.0003
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0603	0.0628	0.0598	0.0552	0.1000	0.0540	0.2700	0.0700	0.0200	0.0400
pe		0.1406	0.1349	0.1366	0.1309	0.2300	0.1380	0.4700	0.2300	0.0800	0.2100
Schedule		268.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1424	0.1196	0.1247	0.1424	0.1494	0.2005	0.1400	0.0866	0.0964	0.0755	0.0868
1.0000	0.0922	0.1065	0.1033	0.0922	0.1322	0.1052	0.1160	0.2289	0.2315	0.1933	0.2289
2.0000	0.4048	0.3790	0.3665	0.4048	0.3276	0.3389	0.3705	0.2836	0.2729	0.3868	0.2833
3.0000	0.1773	0.2028	0.2098	0.1773	0.1695	0.0999	0.1797	0.2187	0.2093	0.1511	0.2185
4.0000	0.1189	0.1260	0.1316	0.1189	0.1538	0.1750	0.1278	0.1175	0.1167	0.1393	0.1175
5.0000	0.0376	0.0317	0.0312	0.0376	0.0465	0.0216	0.0425	0.0466	0.0501	0.0360	0.0467
6.0000	0.0180	0.0179	0.0162	0.0180	0.0175	0.0471	0.0172	0.0141	0.0171	0.0148	0.0142
7.0000	0.0076	0.0119	0.0117	0.0076	0.0029	0.0016	0.0046	0.0033	0.0047	0.0025	0.0034
8.0000	0.0000	0.0042	0.0045	0.0000	0.0005	0.0089	0.0013	0.0006	0.0011	0.0006	0.0006
9.0000	0.0011	0.0004	0.0004	0.0011	0.0000	0.0000	0.0003	0.0001	0.0002	0.0001	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0012	0.0001	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000

13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0266	0.0206	0.0167	0.0082	0.0700	0.0028	0.0600	0.0500	0.0400	0.0800
pe		0.1027	0.1307	0.1154	0.2048	0.3100	0.0936	0.3700	0.3600	0.0700	0.3700
Schedule		269.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3562	0.3538	0.3525	0.3562	0.3450	0.3552	0.3457	0.2329	0.3034	0.3356	0.3320
1.0000	0.1882	0.1878	0.1866	0.1882	0.2021	0.1825	0.2043	0.3553	0.3084	0.2042	0.2896
2.0000	0.2695	0.2378	0.2375	0.2695	0.2715	0.3082	0.2631	0.2541	0.2029	0.2806	0.1857
3.0000	0.1075	0.1341	0.1361	0.1075	0.1078	0.0582	0.1099	0.1131	0.1070	0.1110	0.1026
4.0000	0.0567	0.0712	0.0722	0.0567	0.0547	0.0778	0.0581	0.0350	0.0486	0.0529	0.0511
5.0000	0.0153	0.0106	0.0106	0.0153	0.0139	0.0042	0.0142	0.0080	0.0195	0.0121	0.0234
6.0000	0.0060	0.0030	0.0028	0.0060	0.0040	0.0123	0.0039	0.0014	0.0070	0.0031	0.0099
7.0000	0.0005	0.0014	0.0014	0.0005	0.0007	0.0001	0.0007	0.0002	0.0023	0.0005	0.0038
8.0000	0.0000	0.0003	0.0003	0.0000	0.0001	0.0014	0.0001	0.0000	0.0007	0.0001	0.0014
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0004
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0038	0.0058	0.0041	0.0174	0.0100	0.0163	0.2000	0.0900	0.0800	0.0400
pe		0.1277	0.1349	0.1307	0.0340	0.2000	0.0463	0.3400	0.3100	0.2100	0.3300
Schedule		270.0000									
level	**Actual**	**MBD**	MBD-ADJ	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1800	0.1650	0.1683	0.1800	0.1723	0.2318	0.1679	0.1016	0.1255	0.1287	0.1212
1.0000	0.1233	0.1386	0.1390	0.1233	0.1531	0.1000	0.1508	0.2497	0.2515	0.1851	0.2514
2.0000	0.3470	0.3146	0.3051	0.3470	0.3180	0.3500	0.3328	0.2878	0.2626	0.3505	0.2669
3.0000	0.1653	0.1827	0.1839	0.1653	0.1588	0.0826	0.1581	0.2064	0.1884	0.1543	0.1914
4.0000	0.1320	0.1525	0.1581	0.1320	0.1452	0.1675	0.1358	0.1030	0.1031	0.1396	0.1033
5.0000	0.0316	0.0280	0.0283	0.0316	0.0358	0.0152	0.0362	0.0380	0.0455	0.0290	0.0443
6.0000	0.0147	0.0115	0.0098	0.0147	0.0139	0.0431	0.0143	0.0107	0.0166	0.0107	0.0156
7.0000	0.0049	0.0055	0.0055	0.0049	0.0024	0.0009	0.0031	0.0023	0.0051	0.0015	0.0046
8.0000	0.0011	0.0016	0.0019	0.0011	0.0006	0.0076	0.0009	0.0004	0.0013	0.0003	0.0011
9.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0000	0.0001	0.0001	0.0003	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0009	0.0000	0.0000	0.0001	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0183	0.0142	0.0106	0.0094	0.0600	0.0148	0.1000	0.0700	0.0400	0.0700
pe		0.1142	0.1367	0.1348	0.1056	0.2400	0.0729	0.3300	0.3300	0.0600	0.3400
Schedule	271.0000										
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.7294	0.7252	0.7249	0.7294	0.7218	0.7182	0.7205	0.6518	0.7162	0.7272	0.7291
1.0000	0.1549	0.1655	0.1655	0.1549	0.1711	0.1693	0.1718	0.2828	0.1906	0.1605	0.1748
2.0000	0.0884	0.0790	0.0791	0.0884	0.0818	0.0961	0.0816	0.0575	0.0622	0.0842	0.0606
3.0000	0.0202	0.0216	0.0217	0.0202	0.0182	0.0068	0.0187	0.0073	0.0209	0.0208	0.0224
4.0000	0.0060	0.0069	0.0070	0.0060	0.0057	0.0086	0.0060	0.0006	0.0069	0.0060	0.0084
5.0000	0.0005	0.0011	0.0012	0.0005	0.0011	0.0001	0.0011	0.0000	0.0022	0.0011	0.0031
6.0000	0.0005	0.0004	0.0004	0.0005	0.0002	0.0008	0.0003	0.0000	0.0007	0.0002	0.0011
7.0000	0.0000	0.0002	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0004
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0001
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0157	0.0165	0.0155	0.0281	0.0400	0.0329	0.2900	0.0500	0.0600	0.0000
pe		0.0863	0.0866	0.0865	0.0961	0.1500	0.0961	0.6700	0.2600	0.1100	0.2200
Schedule	272.0000										
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.5996	0.5960	0.5952	0.5996	0.5937	0.5949	0.5920	0.5067	0.5755	0.5926	0.5942
1.0000	0.2008	0.2098	0.2092	0.2008	0.2160	0.2016	0.2169	0.3519	0.2648	0.2155	0.2438
2.0000	0.1517	0.1372	0.1372	0.1517	0.1413	0.1699	0.1425	0.1146	0.1041	0.1431	0.0995
3.0000	0.0327	0.0400	0.0408	0.0327	0.0341	0.0136	0.0341	0.0232	0.0375	0.0345	0.0394
4.0000	0.0131	0.0143	0.0147	0.0131	0.0121	0.0181	0.0118	0.0033	0.0126	0.0118	0.0150
5.0000	0.0022	0.0018	0.0018	0.0022	0.0022	0.0002	0.0021	0.0003	0.0039	0.0020	0.0054
6.0000	0.0000	0.0006	0.0007	0.0000	0.0005	0.0015	0.0005	0.0000	0.0012	0.0005	0.0019
7.0000	0.0000	0.0002	0.0003	0.0000	0.0001	0.0000	0.0001	0.0000	0.0003	0.0001	0.0006
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0002
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0089	0.0110	0.0084	0.0147	0.0100	0.0190	0.2300	0.0600	0.0100	0.0200
pe		0.0833	0.0854	0.0856	0.0714	0.1200	0.0717	0.5200	0.2700	0.0400	0.2700

Schedule		273.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1577	0.1325	0.1490	0.1577	0.1364	0.1668	0.1307	0.0634	0.1031	0.0774	0.0688
1.0000	0.1026	0.1022	0.1139	0.1026	0.1409	0.0866	0.1399	0.1909	0.2066	0.1753	0.1941
2.0000	0.2750	0.1901	0.1625	0.2750	0.2575	0.3289	0.2736	0.2693	0.2338	0.2955	0.2638
3.0000	0.1828	0.2367	0.2315	0.1828	0.1797	0.1071	0.1804	0.2365	0.1939	0.1876	0.2293
4.0000	0.1549	0.2343	0.2402	0.1549	0.1621	0.2017	0.1499	0.1446	0.1298	0.1640	0.1426
5.0000	0.0747	0.0685	0.0687	0.0747	0.0732	0.0296	0.0713	0.0653	0.0733	0.0636	0.0672
6.0000	0.0344	0.0193	0.0174	0.0344	0.0359	0.0616	0.0368	0.0225	0.0358	0.0279	0.0248
7.0000	0.0125	0.0096	0.0095	0.0125	0.0104	0.0028	0.0122	0.0061	0.0153	0.0066	0.0073
8.0000	0.0038	0.0050	0.0052	0.0038	0.0031	0.0127	0.0041	0.0013	0.0057	0.0017	0.0017
9.0000	0.0016	0.0016	0.0016	0.0016	0.0006	0.0001	0.0009	0.0002	0.0019	0.0003	0.0003
10.0000	0.0000	0.0003	0.0003	0.0000	0.0001	0.0019	0.0002	0.0000	0.0005	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0299	0.0104	0.0039	0.0253	0.0100	0.0321	0.1200	0.0700	0.0200	0.1100
pe		0.2903	0.3389	0.3257	0.0867	0.3500	0.0634	0.2300	0.2100	0.0800	0.2300
Schedule		274.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.5412	0.5331	0.5319	0.5412	0.5294	0.5098	0.5287	0.4367	0.5166	0.5302	0.5328
1.0000	0.2209	0.2308	0.2297	0.2209	0.2418	0.2536	0.2416	0.3713	0.2799	0.2361	0.2633
2.0000	0.1626	0.1469	0.1468	0.1626	0.1557	0.1857	0.1558	0.1480	0.1249	0.1592	0.1195
3.0000	0.0458	0.0609	0.0622	0.0458	0.0493	0.0265	0.0494	0.0367	0.0504	0.0516	0.0512
4.0000	0.0251	0.0233	0.0240	0.0251	0.0182	0.0214	0.0185	0.0063	0.0188	0.0180	0.0208
5.0000	0.0027	0.0035	0.0037	0.0027	0.0042	0.0007	0.0046	0.0008	0.0065	0.0039	0.0080
6.0000	0.0016	0.0008	0.0010	0.0016	0.0011	0.0021	0.0012	0.0001	0.0021	0.0009	0.0029
7.0000	0.0000	0.0004	0.0006	0.0000	0.0002	0.0000	0.0002	0.0000	0.0006	0.0001	0.0010
8.0000	0.0000	0.0001	0.0002	0.0000	0.0000	0.0002	0.0000	0.0000	0.0002	0.0000	0.0003
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0177	0.0203	0.0173	0.0257	0.0700	0.0272	0.2200	0.0500	0.0200	0.0200
pe		0.0975	0.0968	0.0978	0.0881	0.1700	0.0876	0.4300	0.2400	0.0700	0.2200

Schedule		275.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3115	0.3011	0.3006	0.3115	0.3137	0.3331	0.3102	0.2137	0.2412	0.2870	0.2848
1.0000	0.1418	0.1587	0.1580	0.1418	0.1589	0.1800	0.1576	0.3462	0.3300	0.1855	0.3037
2.0000	0.3884	0.3673	0.3668	0.3884	0.3502	0.3163	0.3626	0.2629	0.2398	0.3700	0.2085
3.0000	0.1009	0.1116	0.1126	0.1009	0.1098	0.0646	0.1073	0.1242	0.1214	0.0976	0.1144
4.0000	0.0409	0.0475	0.0476	0.0409	0.0551	0.0850	0.0488	0.0409	0.0475	0.0496	0.0539
5.0000	0.0125	0.0103	0.0095	0.0125	0.0097	0.0052	0.0102	0.0099	0.0151	0.0080	0.0224
6.0000	0.0038	0.0031	0.0034	0.0038	0.0023	0.0139	0.0027	0.0018	0.0040	0.0021	0.0084
7.0000	0.0000	0.0004	0.0012	0.0000	0.0003	0.0001	0.0005	0.0003	0.0009	0.0002	0.0028
8.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0017	0.0001	0.0000	0.0002	0.0000	0.0009
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0151	0.0159	0.0148	0.0032	0.0300	0.0019	0.1400	0.1000	0.0300	0.0400
pe		0.0851	0.0889	0.0896	0.1206	0.3000	0.0870	0.5200	0.5400	0.1200	0.5700
Schedule		276.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3573	0.3445	0.3434	0.3573	0.3515	0.3395	0.3503	0.2294	0.2852	0.3388	0.3345
1.0000	0.1375	0.1470	0.1465	0.1375	0.1523	0.1981	0.1505	0.3538	0.3173	0.1605	0.2853
2.0000	0.3350	0.3140	0.3110	0.3350	0.3215	0.3053	0.3263	0.2557	0.2137	0.3316	0.1833
3.0000	0.1080	0.1284	0.1305	0.1080	0.1100	0.0644	0.1085	0.1150	0.1104	0.1093	0.1027
4.0000	0.0431	0.0533	0.0554	0.0431	0.0499	0.0750	0.0483	0.0360	0.0476	0.0474	0.0523
5.0000	0.0136	0.0089	0.0091	0.0136	0.0114	0.0047	0.0124	0.0083	0.0177	0.0098	0.0246
6.0000	0.0038	0.0027	0.0027	0.0038	0.0029	0.0114	0.0031	0.0015	0.0058	0.0023	0.0107
7.0000	0.0016	0.0010	0.0011	0.0016	0.0005	0.0001	0.0005	0.0002	0.0017	0.0003	0.0043
8.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0013	0.0001	0.0000	0.0004	0.0000	0.0016
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0005
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0002
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0200	0.0216	0.0194	0.0090	0.0300	0.0109	0.2000	0.1200	0.0300	0.0400
pe		0.1055	0.1154	0.1164	0.0644	0.3000	0.0475	0.5000	0.4700	0.0600	0.5300
Schedule		277.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1735	0.1581	0.1667	0.1735	0.1573	0.1831	0.1520	0.0817	0.1172	0.1097	0.1013

1.0000	0.1069	0.1303	0.1338	0.1069	0.1481	0.1117	0.1457	0.2214	0.2292	0.1776	0.2269
2.0000	0.3170	0.2163	0.2084	0.3170	0.2824	0.3338	0.2998	0.2815	0.2467	0.3156	0.2611
3.0000	0.1697	0.2191	0.2165	0.1697	0.1712	0.1122	0.1714	0.2227	0.1906	0.1746	0.2036
4.0000	0.1440	0.2074	0.2067	0.1440	0.1550	0.1757	0.1406	0.1227	0.1168	0.1535	0.1198
5.0000	0.0535	0.0453	0.0452	0.0535	0.0553	0.0252	0.0568	0.0499	0.0595	0.0466	0.0562
6.0000	0.0245	0.0124	0.0116	0.0245	0.0241	0.0465	0.0256	0.0155	0.0259	0.0184	0.0217
7.0000	0.0087	0.0079	0.0077	0.0087	0.0051	0.0019	0.0063	0.0038	0.0097	0.0033	0.0070
8.0000	0.0022	0.0029	0.0031	0.0022	0.0013	0.0086	0.0016	0.0007	0.0032	0.0007	0.0019
9.0000	0.0000	0.0002	0.0003	0.0000	0.0002	0.0001	0.0003	0.0001	0.0009	0.0001	0.0004
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0011	0.0000	0.0000	0.0002	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0186	0.0082	0.0030	0.0196	0.0200	0.0260	0.1100	0.0600	0.0700	0.0800
pe		0.3134	0.3246	0.3225	0.1152	0.2200	0.0832	0.2900	0.3000	0.1300	0.2900
Schedule		278.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2406	0.2297	0.2277	0.2406	0.2256	0.2726	0.2233	0.1485	0.1873	0.1925	0.1837
1.0000	0.1626	0.1828	0.1799	0.1626	0.1937	0.1438	0.1948	0.3008	0.2899	0.2181	0.2910
2.0000	0.3312	0.2822	0.2801	0.3312	0.3125	0.3398	0.3174	0.2856	0.2484	0.3368	0.2514
3.0000	0.1440	0.1690	0.1709	0.1440	0.1471	0.0806	0.1447	0.1687	0.1534	0.1445	0.1547
4.0000	0.0840	0.1049	0.1061	0.0840	0.0843	0.1234	0.0816	0.0694	0.0753	0.0787	0.0750
5.0000	0.0251	0.0221	0.0214	0.0251	0.0255	0.0101	0.0257	0.0211	0.0308	0.0212	0.0300
6.0000	0.0087	0.0060	0.0070	0.0087	0.0088	0.0253	0.0093	0.0049	0.0107	0.0067	0.0102
7.0000	0.0038	0.0023	0.0050	0.0038	0.0019	0.0004	0.0024	0.0009	0.0032	0.0012	0.0030
8.0000	0.0000	0.0007	0.0018	0.0000	0.0004	0.0037	0.0006	0.0001	0.0008	0.0003	0.0007
9.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0000	0.0001	0.0000	0.0002	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0144	0.0170	0.0128	0.0198	0.0400	0.0228	0.1200	0.0700	0.0600	0.0800
pe		0.1623	0.1660	0.1680	0.0739	0.2200	0.0690	0.3000	0.3200	0.1100	0.3200
Schedule		279.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1282	0.1195	0.1163	0.1282	0.1375	0.2032	0.1283	0.0808	0.0873	0.0541	0.0821
1.0000	0.0917	0.1107	0.1008	0.0917	0.1338	0.0896	0.1162	0.2201	0.2224	0.2039	0.2206
2.0000	0.4059	0.3688	0.3561	0.4059	0.3192	0.3425	0.3614	0.2811	0.2739	0.3836	0.2796
3.0000	0.1833	0.2078	0.2179	0.1833	0.1790	0.0903	0.1894	0.2234	0.2165	0.1596	0.2219

4.0000	0.1184	0.1244	0.1344	0.1184	0.1561	0.1865	0.1355	0.1236	0.1228	0.1399	0.1235
5.0000	0.0464	0.0394	0.0339	0.0464	0.0516	0.0207	0.0456	0.0505	0.0529	0.0395	0.0510
6.0000	0.0180	0.0214	0.0191	0.0180	0.0189	0.0535	0.0168	0.0158	0.0179	0.0158	0.0162
7.0000	0.0055	0.0064	0.0152	0.0055	0.0034	0.0016	0.0050	0.0038	0.0049	0.0029	0.0040
8.0000	0.0016	0.0012	0.0058	0.0016	0.0006	0.0105	0.0015	0.0007	0.0011	0.0007	0.0008
9.0000	0.0011	0.0003	0.0006	0.0011	0.0000	0.0000	0.0003	0.0001	0.0002	0.0001	0.0001
10.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0014	0.0001	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0099	0.0137	0.0064	0.0107	0.0800	0.0001	0.0600	0.0500	0.0900	0.0600
pe		0.1136	0.1576	0.1607	0.2077	0.3400	0.1098	0.3600	0.3400	0.2200	0.3600
Schedule		280.0000									

level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3284	0.3239	0.3236	0.3284	0.3272	0.3694	0.3256	0.2257	0.2543	0.3038	0.3032
1.0000	0.1473	0.1520	0.1514	0.1473	0.1596	0.1493	0.1565	0.3521	0.3337	0.1831	0.3024
2.0000	0.3688	0.3608	0.3606	0.3688	0.3476	0.3225	0.3571	0.2575	0.2343	0.3645	0.2007
3.0000	0.0944	0.1098	0.1105	0.0944	0.1066	0.0497	0.1053	0.1172	0.1153	0.0958	0.1087
4.0000	0.0524	0.0429	0.0432	0.0524	0.0486	0.0886	0.0448	0.0371	0.0440	0.0440	0.0512
5.0000	0.0082	0.0072	0.0071	0.0082	0.0084	0.0037	0.0084	0.0087	0.0137	0.0069	0.0216
6.0000	0.0005	0.0024	0.0024	0.0005	0.0019	0.0149	0.0019	0.0016	0.0036	0.0017	0.0082
7.0000	0.0000	0.0009	0.0009	0.0000	0.0002	0.0001	0.0003	0.0002	0.0008	0.0002	0.0028
8.0000	0.0000	0.0002	0.0002	0.0000	0.0000	0.0017	0.0000	0.0000	0.0002	0.0000	0.0009
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0067	0.0071	0.0063	0.0018	0.0600	0.0042	0.1600	0.1100	0.0400	0.0400
pe		0.0619	0.0622	0.0618	0.0764	0.2200	0.0615	0.5400	0.5400	0.0700	0.5400
Schedule		281.0000									

level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3142	0.2977	0.2953	0.3142	0.2933	0.2987	0.2933	0.1786	0.2592	0.2779	0.2743
1.0000	0.1729	0.1862	0.1835	0.1729	0.2009	0.1641	0.2025	0.3228	0.2867	0.2029	0.2792
2.0000	0.2602	0.2138	0.2110	0.2602	0.2576	0.3276	0.2531	0.2756	0.2102	0.2724	0.2004
3.0000	0.1238	0.1639	0.1684	0.1238	0.1312	0.0751	0.1311	0.1477	0.1258	0.1376	0.1216
4.0000	0.0878	0.1017	0.1041	0.0878	0.0769	0.1037	0.0773	0.0556	0.0658	0.0757	0.0661
5.0000	0.0251	0.0245	0.0241	0.0251	0.0270	0.0080	0.0285	0.0156	0.0310	0.0239	0.0329
6.0000	0.0109	0.0078	0.0078	0.0109	0.0100	0.0195	0.0105	0.0034	0.0133	0.0077	0.0151

7.0000	0.0033	0.0031	0.0041	0.0033	0.0024	0.0003	0.0027	0.0006	0.0052	0.0016	0.0065
8.0000	0.0016	0.0010	0.0014	0.0016	0.0006	0.0027	0.0007	0.0001	0.0019	0.0003	0.0026
9.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0000	0.0001	0.0000	0.0006	0.0001	0.0009
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0002	0.0000	0.0003
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0240	0.0275	0.0204	0.0305	0.0200	0.0305	0.1900	0.0700	0.0500	0.0500
pe		0.1727	0.1840	0.1852	0.0783	0.2500	0.0873	0.3500	0.2800	0.1200	0.3000
Schedule		282.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4981	0.4996	0.4971	0.4981	0.4900	0.4944	0.4902	0.3985	0.4726	0.4855	0.4886
1.0000	0.2373	0.2372	0.2347	0.2373	0.2504	0.2221	0.2504	0.3762	0.2965	0.2521	0.2809
2.0000	0.1762	0.1615	0.1616	0.1762	0.1731	0.2199	0.1713	0.1677	0.1403	0.1771	0.1343
3.0000	0.0556	0.0661	0.0695	0.0556	0.0576	0.0280	0.0580	0.0469	0.0579	0.0580	0.0585
4.0000	0.0251	0.0271	0.0286	0.0251	0.0221	0.0312	0.0229	0.0092	0.0217	0.0212	0.0238
5.0000	0.0065	0.0057	0.0053	0.0065	0.0052	0.0008	0.0055	0.0014	0.0075	0.0047	0.0091
6.0000	0.0005	0.0019	0.0019	0.0005	0.0014	0.0033	0.0015	0.0002	0.0024	0.0011	0.0033
7.0000	0.0005	0.0006	0.0009	0.0005	0.0002	0.0000	0.0003	0.0000	0.0007	0.0002	0.0011
8.0000	0.0000	0.0002	0.0003	0.0000	0.0000	0.0003	0.0000	0.0000	0.0002	0.0000	0.0003
9.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0030	0.0020	0.0044	0.0161	0.0100	0.0157	0.2000	0.0500	0.0300	0.0200
pe		0.0594	0.0756	0.0778	0.0472	0.2000	0.0494	0.3600	0.2000	0.0400	0.2000
Schedule		283.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3672	0.3524	0.3503	0.3672	0.3579	0.3710	0.3565	0.2327	0.2904	0.3469	0.3413
1.0000	0.1255	0.1381	0.1366	0.1255	0.1469	0.1579	0.1445	0.3534	0.3157	0.1525	0.2828
2.0000	0.3415	0.3114	0.3092	0.3415	0.3223	0.3155	0.3281	0.2535	0.2104	0.3321	0.1797
3.0000	0.0993	0.1305	0.1334	0.0993	0.1061	0.0510	0.1065	0.1141	0.1090	0.1067	0.1007
4.0000	0.0436	0.0561	0.0580	0.0436	0.0513	0.0845	0.0473	0.0361	0.0476	0.0489	0.0518
5.0000	0.0185	0.0072	0.0073	0.0185	0.0116	0.0038	0.0125	0.0085	0.0182	0.0100	0.0249

6.0000	0.0038	0.0026	0.0029	0.0038	0.0032	0.0142	0.0037	0.0016	0.0062	0.0025	0.0112
7.0000	0.0005	0.0014	0.0017	0.0005	0.0005	0.0001	0.0007	0.0002	0.0019	0.0004	0.0047
8.0000	0.0000	0.0003	0.0004	0.0000	0.0001	0.0017	0.0001	0.0000	0.0005	0.0001	0.0019
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0007
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0002
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0234	0.0267	0.0236	0.0147	0.0000	0.0169	0.2200	0.1300	0.0400	0.0500
pe		0.1583	0.1670	0.1687	0.0991	0.2700	0.0785	0.5600	0.5200	0.1000	0.5600
Schedule		284.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2782	0.2748	0.2735	0.2782	0.2694	0.3121	0.2676	0.1856	0.2276	0.2527	0.2425
1.0000	0.1773	0.1876	0.1862	0.1773	0.1953	0.1589	0.1973	0.3277	0.3084	0.2033	0.3010
2.0000	0.3333	0.2891	0.2881	0.3333	0.3205	0.3279	0.3202	0.2732	0.2364	0.3358	0.2251
3.0000	0.1195	0.1459	0.1478	0.1195	0.1243	0.0693	0.1235	0.1429	0.1330	0.1257	0.1292
4.0000	0.0649	0.0832	0.0842	0.0649	0.0665	0.1023	0.0665	0.0526	0.0605	0.0631	0.0621
5.0000	0.0164	0.0138	0.0136	0.0164	0.0170	0.0070	0.0176	0.0144	0.0233	0.0144	0.0259
6.0000	0.0093	0.0038	0.0038	0.0093	0.0056	0.0191	0.0058	0.0031	0.0078	0.0042	0.0096
7.0000	0.0005	0.0015	0.0021	0.0005	0.0010	0.0003	0.0012	0.0005	0.0023	0.0007	0.0032
8.0000	0.0005	0.0004	0.0007	0.0005	0.0002	0.0026	0.0003	0.0001	0.0006	0.0001	0.0010
9.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0003
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0048	0.0065	0.0047	0.0122	0.0400	0.0147	0.1300	0.0700	0.0400	0.0500
pe		0.1503	0.1550	0.1557	0.0586	0.1800	0.0614	0.3500	0.3500	0.0600	0.3600
Schedule		285.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.5728	0.5746	0.5732	0.5728	0.5707	0.5650	0.5671	0.4712	0.5522	0.5706	0.5748
1.0000	0.2079	0.2099	0.2090	0.2079	0.2156	0.2049	0.2192	0.3621	0.2658	0.2126	0.2422
2.0000	0.1582	0.1406	0.1405	0.1582	0.1506	0.1880	0.1512	0.1314	0.1125	0.1528	0.1057
3.0000	0.0371	0.0482	0.0498	0.0371	0.0415	0.0171	0.0411	0.0299	0.0444	0.0430	0.0456
4.0000	0.0202	0.0215	0.0224	0.0202	0.0167	0.0224	0.0165	0.0048	0.0165	0.0165	0.0191

5.0000	0.0027	0.0036	0.0033	0.0027	0.0037	0.0003	0.0036	0.0006	0.0058	0.0034	0.0078
6.0000	0.0005	0.0011	0.0011	0.0005	0.0011	0.0020	0.0010	0.0001	0.0019	0.0009	0.0030
7.0000	0.0005	0.0004	0.0007	0.0005	0.0002	0.0000	0.0002	0.0000	0.0006	0.0001	0.0011
8.0000	0.0000	0.0001	0.0002	0.0000	0.0000	0.0001	0.0000	0.0000	0.0002	0.0000	0.0004
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0043	0.0008	0.0057	0.0049	0.0100	0.0133	0.2300	0.0400	0.0000	0.0100
pe		0.0789	0.0825	0.0815	0.0588	0.1400	0.0648	0.4900	0.2800	0.0500	0.2600
Schedule		286.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1615	0.1467	0.1466	0.1615	0.1473	0.1991	0.1443	0.0835	0.1067	0.0893	0.0841
1.0000	0.1129	0.1334	0.1309	0.1129	0.1485	0.0974	0.1462	0.2223	0.2284	0.1904	0.2225
2.0000	0.3164	0.2654	0.2598	0.3164	0.2938	0.3385	0.3049	0.2795	0.2561	0.3347	0.2789
3.0000	0.1795	0.2074	0.2100	0.1795	0.1754	0.0965	0.1762	0.2205	0.1985	0.1728	0.2199
4.0000	0.1533	0.1808	0.1830	0.1533	0.1543	0.1814	0.1467	0.1223	0.1184	0.1490	0.1222
5.0000	0.0480	0.0437	0.0426	0.0480	0.0526	0.0222	0.0522	0.0506	0.0574	0.0431	0.0508
6.0000	0.0202	0.0143	0.0140	0.0202	0.0219	0.0513	0.0223	0.0162	0.0233	0.0169	0.0164
7.0000	0.0055	0.0061	0.0090	0.0055	0.0047	0.0018	0.0054	0.0041	0.0081	0.0031	0.0042
8.0000	0.0022	0.0019	0.0035	0.0022	0.0012	0.0102	0.0015	0.0008	0.0024	0.0007	0.0009
9.0000	0.0005	0.0002	0.0004	0.0005	0.0002	0.0001	0.0003	0.0001	0.0006	0.0001	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0015	0.0001	0.0000	0.0001	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0176	0.0178	0.0140	0.0169	0.0500	0.0205	0.0900	0.0600	0.0800	0.0900
pe		0.1648	0.1806	0.1818	0.0855	0.2600	0.0741	0.2700	0.2900	0.1400	0.2700
Schedule		287.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.0917	0.0717	0.0705	0.0917	0.0989	0.1712	0.0934	0.0666	0.0693	0.0582	0.0669
1.0000	0.0698	0.1016	0.0966	0.0698	0.1207	0.0898	0.1071	0.1948	0.1963	0.1527	0.1949
2.0000	0.4190	0.3879	0.3794	0.4190	0.3244	0.3263	0.3511	0.2688	0.2661	0.3641	0.2686
3.0000	0.1899	0.2148	0.2210	0.1899	0.1879	0.1067	0.1986	0.2328	0.2293	0.1778	0.2325

4.0000	0.1522	0.1468	0.1518	0.1522	0.1841	0.1968	0.1717	0.1418	0.1408	0.1698	0.1417
5.0000	0.0458	0.0413	0.0398	0.0458	0.0577	0.0298	0.0532	0.0645	0.0654	0.0500	0.0645
6.0000	0.0224	0.0210	0.0202	0.0224	0.0222	0.0608	0.0190	0.0227	0.0238	0.0222	0.0228
7.0000	0.0093	0.0107	0.0141	0.0093	0.0037	0.0030	0.0045	0.0063	0.0069	0.0040	0.0064
8.0000	0.0000	0.0039	0.0059	0.0000	0.0006	0.0131	0.0011	0.0014	0.0016	0.0010	0.0014
9.0000	0.0000	0.0004	0.0006	0.0000	0.0000	0.0001	0.0002	0.0003	0.0003	0.0001	0.0003
10.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0021	0.0000	0.0000	0.0001	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0220	0.0234	0.0206	0.0079	0.0900	0.0019	0.0300	0.0200	0.0300	0.0300
pe		0.1154	0.1293	0.1307	0.2177	0.3500	0.1655	0.3800	0.3800	0.2000	0.3800
Schedule		288.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1615	0.1552	0.1519	0.1615	0.1564	0.2070	0.1512	0.0899	0.1141	0.1036	0.0961
1.0000	0.1266	0.1387	0.1327	0.1266	0.1514	0.1025	0.1496	0.2317	0.2364	0.1903	0.2333
2.0000	0.3322	0.2764	0.2644	0.3322	0.2984	0.3401	0.3145	0.2821	0.2574	0.3343	0.2753
3.0000	0.1653	0.1956	0.2063	0.1653	0.1716	0.0953	0.1712	0.2155	0.1942	0.1692	0.2095
4.0000	0.1418	0.1692	0.1781	0.1418	0.1503	0.1746	0.1406	0.1157	0.1130	0.1455	0.1152
5.0000	0.0464	0.0420	0.0393	0.0464	0.0481	0.0205	0.0466	0.0464	0.0535	0.0395	0.0486
6.0000	0.0191	0.0157	0.0138	0.0191	0.0188	0.0476	0.0192	0.0144	0.0213	0.0144	0.0163
7.0000	0.0038	0.0055	0.0097	0.0038	0.0039	0.0016	0.0052	0.0035	0.0072	0.0025	0.0044
8.0000	0.0022	0.0014	0.0034	0.0022	0.0009	0.0092	0.0016	0.0007	0.0021	0.0006	0.0010
9.0000	0.0011	0.0002	0.0003	0.0011	0.0001	0.0000	0.0003	0.0001	0.0005	0.0001	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0013	0.0001	0.0000	0.0001	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0075	0.0114	0.0058	0.0061	0.0600	0.0123	0.0800	0.0500	0.0700	0.0800
pe		0.1631	0.2046	0.2008	0.0928	0.2400	0.0608	0.2900	0.3000	0.1100	0.2900

Schedule		289.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.6148	0.6060	0.6043	0.6148	0.6013	0.5825	0.6028	0.5217	0.5953	0.6054	0.6100
1.0000	0.2068	0.2183	0.2172	0.2068	0.2304	0.2471	0.2255	0.3457	0.2521	0.2204	0.2357
2.0000	0.1233	0.1162	0.1172	0.1233	0.1193	0.1375	0.1201	0.1081	0.0980	0.1224	0.0944
3.0000	0.0393	0.0413	0.0427	0.0393	0.0347	0.0182	0.0371	0.0212	0.0360	0.0375	0.0373
4.0000	0.0136	0.0134	0.0137	0.0136	0.0111	0.0129	0.0113	0.0029	0.0126	0.0114	0.0144
5.0000	0.0011	0.0032	0.0030	0.0011	0.0025	0.0004	0.0026	0.0003	0.0042	0.0025	0.0053
6.0000	0.0000	0.0010	0.0011	0.0000	0.0006	0.0012	0.0005	0.0000	0.0013	0.0005	0.0019
7.0000	0.0011	0.0004	0.0005	0.0011	0.0001	0.0000	0.0001	0.0000	0.0004	0.0001	0.0006
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0002
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0228	0.0272	0.0218	0.0350	0.0700	0.0312	0.2300	0.0400	0.0100	0.0000
pe		0.0643	0.0618	0.0620	0.0979	0.2100	0.0763	0.4600	0.2100	0.0500	0.1800
Schedule		290.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.5532	0.5581	0.5559	0.5532	0.5502	0.5438	0.5470	0.4544	0.5339	0.5495	0.5519
1.0000	0.2199	0.2143	0.2122	0.2199	0.2288	0.2181	0.2308	0.3664	0.2737	0.2264	0.2551
2.0000	0.1593	0.1446	0.1440	0.1593	0.1528	0.1921	0.1545	0.1395	0.1187	0.1552	0.1130
3.0000	0.0436	0.0561	0.0593	0.0436	0.0454	0.0201	0.0454	0.0333	0.0472	0.0468	0.0481
4.0000	0.0191	0.0214	0.0234	0.0191	0.0174	0.0232	0.0172	0.0056	0.0175	0.0172	0.0197
5.0000	0.0038	0.0032	0.0030	0.0038	0.0041	0.0004	0.0039	0.0007	0.0061	0.0038	0.0077
6.0000	0.0005	0.0014	0.0011	0.0005	0.0011	0.0022	0.0010	0.0001	0.0020	0.0009	0.0029
7.0000	0.0005	0.0006	0.0008	0.0005	0.0002	0.0000	0.0002	0.0000	0.0006	0.0002	0.0010
8.0000	0.0000	0.0001	0.0002	0.0000	0.0000	0.0001	0.0000	0.0000	0.0002	0.0000	0.0003
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0110	0.0059	0.0119	0.0067	0.0100	0.0139	0.2100	0.0400	0.0000	0.0000

pe		0.0827	0.1006	0.1004	0.0450	0.1600	0.0454	0.4200	0.2000	0.0400	0.2000
Schedule		291.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.5472	0.5267	0.5262	0.5472	0.5298	0.5206	0.5289	0.4424	0.5286	0.5386	0.5387
1.0000	0.2297	0.2540	0.2530	0.2297	0.2549	0.2510	0.2548	0.3691	0.2710	0.2348	0.2608
2.0000	0.1380	0.1394	0.1395	0.1380	0.1423	0.1729	0.1391	0.1454	0.1206	0.1477	0.1173
3.0000	0.0578	0.0519	0.0530	0.0578	0.0499	0.0293	0.0521	0.0360	0.0497	0.0554	0.0502
4.0000	0.0191	0.0181	0.0185	0.0191	0.0174	0.0220	0.0189	0.0062	0.0193	0.0182	0.0205
5.0000	0.0071	0.0065	0.0065	0.0071	0.0044	0.0012	0.0049	0.0008	0.0071	0.0043	0.0080
6.0000	0.0011	0.0026	0.0025	0.0011	0.0010	0.0026	0.0011	0.0001	0.0025	0.0009	0.0030
7.0000	0.0000	0.0007	0.0006	0.0000	0.0002	0.0000	0.0002	0.0000	0.0008	0.0001	0.0010
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0003	0.0000	0.0000	0.0002	0.0000	0.0003
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0453	0.0464	0.0449	0.0384	0.0700	0.0404	0.2400	0.0500	0.0300	0.0300
pe		0.0784	0.0730	0.0736	0.0930	0.2200	0.0762	0.4200	0.1600	0.0400	0.1300
Schedule		292.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3999	0.3829	0.3803	0.3999	0.3892	0.3801	0.3883	0.2780	0.3419	0.3820	0.3782
1.0000	0.1729	0.1844	0.1818	0.1729	0.1937	0.2181	0.1913	0.3688	0.3179	0.1958	0.2904
2.0000	0.2891	0.2644	0.2628	0.2891	0.2803	0.2790	0.2835	0.2311	0.1905	0.2879	0.1707
3.0000	0.0873	0.1108	0.1150	0.0873	0.0853	0.0538	0.0870	0.0909	0.0915	0.0864	0.0883
4.0000	0.0360	0.0474	0.0494	0.0360	0.0392	0.0570	0.0369	0.0251	0.0378	0.0375	0.0419
5.0000	0.0109	0.0069	0.0066	0.0109	0.0091	0.0031	0.0097	0.0052	0.0139	0.0080	0.0185
6.0000	0.0027	0.0023	0.0023	0.0027	0.0026	0.0078	0.0026	0.0008	0.0046	0.0020	0.0076
7.0000	0.0011	0.0008	0.0013	0.0011	0.0005	0.0001	0.0005	0.0001	0.0014	0.0003	0.0029
8.0000	0.0000	0.0001	0.0003	0.0000	0.0001	0.0008	0.0001	0.0000	0.0004	0.0001	0.0011
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0004
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

er		0.0283	0.0326	0.0275	0.0178	0.0300	0.0193	0.2000	0.1000	0.0300	0.0400
pe		0.1265	0.1361	0.1385	0.0623	0.2000	0.0453	0.4700	0.4000	0.0500	0.4300
Schedule		293.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1789	0.1575	0.1621	0.1789	0.1858	0.2357	0.1752	0.1116	0.1233	0.1327	0.1245
1.0000	0.0993	0.1147	0.1145	0.0993	0.1294	0.1168	0.1160	0.2602	0.2607	0.1742	0.2607
2.0000	0.4206	0.4094	0.3949	0.4206	0.3581	0.3417	0.4040	0.2866	0.2739	0.4026	0.2728
3.0000	0.1538	0.1645	0.1722	0.1538	0.1429	0.0885	0.1472	0.1980	0.1897	0.1255	0.1890
4.0000	0.0971	0.1088	0.1113	0.0971	0.1403	0.1541	0.1093	0.0962	0.0969	0.1297	0.0969
5.0000	0.0333	0.0262	0.0249	0.0333	0.0307	0.0158	0.0323	0.0349	0.0387	0.0241	0.0390
6.0000	0.0125	0.0131	0.0127	0.0125	0.0110	0.0384	0.0123	0.0098	0.0125	0.0096	0.0128
7.0000	0.0033	0.0044	0.0055	0.0033	0.0016	0.0010	0.0028	0.0022	0.0033	0.0013	0.0035
8.0000	0.0005	0.0013	0.0017	0.0005	0.0003	0.0069	0.0006	0.0004	0.0007	0.0003	0.0008
9.0000	0.0005	0.0001	0.0002	0.0005	0.0000	0.0000	0.0001	0.0001	0.0001	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0009	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0260	0.0205	0.0155	0.0084	0.0700	0.0045	0.0800	0.0700	0.0600	0.0700
pe		0.0717	0.1046	0.1072	0.1866	0.3300	0.0661	0.4300	0.4400	0.2100	0.4300
Schedule		294.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3688	0.3519	0.3511	0.3688	0.3517	0.3611	0.3512	0.2414	0.3113	0.3420	0.3362
1.0000	0.1735	0.1837	0.1825	0.1735	0.2043	0.1871	0.2047	0.3570	0.3094	0.2064	0.2926
2.0000	0.2788	0.2455	0.2416	0.2788	0.2690	0.3023	0.2682	0.2493	0.1998	0.2787	0.1850
3.0000	0.1118	0.1373	0.1407	0.1118	0.1063	0.0574	0.1057	0.1093	0.1040	0.1092	0.1003
4.0000	0.0453	0.0652	0.0672	0.0453	0.0499	0.0745	0.0496	0.0337	0.0468	0.0481	0.0491
5.0000	0.0164	0.0105	0.0105	0.0164	0.0137	0.0042	0.0148	0.0077	0.0188	0.0120	0.0221
6.0000	0.0027	0.0036	0.0034	0.0027	0.0040	0.0118	0.0045	0.0014	0.0068	0.0031	0.0092
7.0000	0.0016	0.0018	0.0023	0.0016	0.0008	0.0001	0.0010	0.0002	0.0023	0.0005	0.0036
8.0000	0.0005	0.0004	0.0007	0.0005	0.0002	0.0014	0.0002	0.0000	0.0007	0.0001	0.0013
9.0000	0.0005	0.0001	0.0001	0.0005	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0004
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0268	0.0280	0.0226	0.0271	0.0100	0.0279	0.2000	0.0900	0.0400	0.0500
pe		0.1527	0.1661	0.1589	0.0892	0.2200	0.0903	0.3800	0.3700	0.0800	0.3800
Schedule		295.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1271	0.1099	0.1094	0.1271	0.1420	0.2295	0.1344	0.0952	0.0981	0.0609	0.0964
1.0000	0.0993	0.1150	0.1137	0.0993	0.1336	0.0899	0.1182	0.2392	0.2399	0.2056	0.2395
2.0000	0.4490	0.4287	0.4265	0.4490	0.3566	0.3475	0.3938	0.2838	0.2806	0.4256	0.2825
3.0000	0.1593	0.1870	0.1894	0.1593	0.1690	0.0790	0.1779	0.2112	0.2086	0.1391	0.2101
4.0000	0.1157	0.1038	0.1054	0.1157	0.1495	0.1762	0.1293	0.1105	0.1104	0.1285	0.1105
5.0000	0.0355	0.0275	0.0277	0.0355	0.0370	0.0163	0.0334	0.0432	0.0442	0.0273	0.0436
6.0000	0.0109	0.0165	0.0163	0.0109	0.0114	0.0492	0.0108	0.0131	0.0139	0.0110	0.0134
7.0000	0.0027	0.0083	0.0084	0.0027	0.0010	0.0012	0.0017	0.0031	0.0035	0.0015	0.0033
8.0000	0.0005	0.0029	0.0030	0.0005	0.0000	0.0096	0.0003	0.0006	0.0007	0.0003	0.0006
9.0000	0.0000	0.0002	0.0003	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0013	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0197	0.0202	0.0192	0.0171	0.1100	0.0084	0.0400	0.0400	0.0800	0.0800
pe		0.1116	0.1133	0.1119	0.1998	0.3700	0.1258	0.4300	0.4400	0.2000	0.4300
Schedule		296.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3219	0.3054	0.3016	0.3219	0.2950	0.2909	0.2955	0.1884	0.2582	0.2749	0.2739
1.0000	0.1691	0.1805	0.1755	0.1691	0.2054	0.1937	0.2048	0.3295	0.2957	0.2167	0.2876
2.0000	0.2613	0.2170	0.2132	0.2613	0.2664	0.3147	0.2641	0.2721	0.2153	0.2811	0.2048
3.0000	0.1315	0.1692	0.1772	0.1315	0.1289	0.0829	0.1290	0.1410	0.1247	0.1313	0.1208
4.0000	0.0835	0.0979	0.1025	0.0835	0.0708	0.0910	0.0722	0.0514	0.0620	0.0683	0.0628
5.0000	0.0245	0.0189	0.0187	0.0245	0.0232	0.0084	0.0239	0.0140	0.0274	0.0201	0.0296
6.0000	0.0060	0.0064	0.0061	0.0060	0.0079	0.0158	0.0080	0.0029	0.0109	0.0061	0.0128
7.0000	0.0022	0.0035	0.0038	0.0022	0.0018	0.0003	0.0019	0.0005	0.0039	0.0012	0.0051
8.0000	0.0000	0.0010	0.0012	0.0000	0.0004	0.0021	0.0004	0.0001	0.0013	0.0002	0.0019
9.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0000	0.0001	0.0000	0.0004	0.0000	0.0006
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0001	0.0000	0.0002
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0243	0.0299	0.0227	0.0397	0.0400	0.0389	0.1900	0.0900	0.0700	0.0700
pe		0.1714	0.1889	0.1898	0.0897	0.2400	0.0821	0.3400	0.3100	0.1300	0.3200
Schedule		297.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1418	0.1300	0.1279	0.1418	0.1522	0.2382	0.1434	0.0976	0.1005	0.0770	0.0977
1.0000	0.0900	0.1086	0.1037	0.0900	0.1304	0.0852	0.1174	0.2425	0.2430	0.1952	0.2425
2.0000	0.4435	0.4179	0.4112	0.4435	0.3584	0.3504	0.3972	0.2844	0.2812	0.4234	0.2843
3.0000	0.1675	0.1773	0.1834	0.1675	0.1602	0.0732	0.1654	0.2093	0.2068	0.1340	0.2092
4.0000	0.1097	0.1111	0.1156	0.1097	0.1485	0.1765	0.1283	0.1083	0.1083	0.1300	0.1083
5.0000	0.0273	0.0311	0.0286	0.0273	0.0362	0.0148	0.0333	0.0418	0.0429	0.0268	0.0418
6.0000	0.0142	0.0170	0.0154	0.0142	0.0126	0.0494	0.0117	0.0125	0.0133	0.0114	0.0125
7.0000	0.0055	0.0054	0.0096	0.0055	0.0015	0.0011	0.0025	0.0030	0.0033	0.0017	0.0030
8.0000	0.0005	0.0014	0.0040	0.0005	0.0001	0.0097	0.0007	0.0006	0.0007	0.0004	0.0006
9.0000	0.0000	0.0002	0.0004	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0013	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0137	0.0161	0.0121	0.0121	0.1100	0.0019	0.0500	0.0500	0.0700	0.0800
pe		0.0737	0.0914	0.0862	0.2173	0.3700	0.1237	0.4300	0.4300	0.2200	0.4300
Schedule		298.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.5079	0.5049	0.5038	0.5079	0.4988	0.5024	0.4986	0.4131	0.4842	0.4961	0.4980
1.0000	0.2400	0.2476	0.2459	0.2400	0.2550	0.2298	0.2554	0.3743	0.2958	0.2545	0.2819
2.0000	0.1691	0.1573	0.1574	0.1691	0.1665	0.2095	0.1649	0.1601	0.1361	0.1701	0.1311
3.0000	0.0556	0.0586	0.0606	0.0556	0.0544	0.0267	0.0549	0.0430	0.0545	0.0554	0.0553
4.0000	0.0202	0.0233	0.0241	0.0202	0.0195	0.0278	0.0202	0.0081	0.0198	0.0189	0.0217
5.0000	0.0060	0.0055	0.0053	0.0060	0.0044	0.0007	0.0047	0.0011	0.0066	0.0040	0.0080
6.0000	0.0011	0.0019	0.0018	0.0011	0.0011	0.0028	0.0011	0.0001	0.0021	0.0009	0.0028
7.0000	0.0000	0.0007	0.0007	0.0000	0.0002	0.0000	0.0002	0.0000	0.0006	0.0001	0.0009
8.0000	0.0000	0.0002	0.0002	0.0000	0.0000	0.0002	0.0000	0.0000	0.0002	0.0000	0.0003
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0061	0.0083	0.0047	0.0185	0.0200	0.0189	0.2000	0.0500	0.0300	0.0300
pe		0.0562	0.0589	0.0581	0.0433	0.1800	0.0443	0.3500	0.1800	0.0400	0.1800
Schedule		299.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1773	0.1710	0.1694	0.1773	0.1755	0.2183	0.1724	0.1088	0.1270	0.1334	0.1276
1.0000	0.1309	0.1520	0.1500	0.1309	0.1560	0.1296	0.1517	0.2568	0.2576	0.1889	0.2576
2.0000	0.3650	0.3188	0.3125	0.3650	0.3233	0.3373	0.3364	0.2863	0.2670	0.3537	0.2665
3.0000	0.1544	0.1742	0.1810	0.1544	0.1581	0.1011	0.1592	0.2003	0.1872	0.1524	0.1869
4.0000	0.1200	0.1418	0.1448	0.1200	0.1411	0.1509	0.1327	0.0985	0.0991	0.1353	0.0991
5.0000	0.0371	0.0301	0.0280	0.0371	0.0327	0.0183	0.0342	0.0362	0.0419	0.0263	0.0420
6.0000	0.0104	0.0100	0.0098	0.0104	0.0111	0.0362	0.0107	0.0103	0.0146	0.0085	0.0147
7.0000	0.0038	0.0016	0.0034	0.0038	0.0018	0.0012	0.0022	0.0023	0.0043	0.0012	0.0043
8.0000	0.0011	0.0003	0.0009	0.0011	0.0004	0.0063	0.0004	0.0004	0.0011	0.0002	0.0011
9.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0001	0.0001	0.0002	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0008	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0076	0.0096	0.0064	0.0022	0.0500	0.0060	0.0900	0.0600	0.0600	0.0600
pe		0.1450	0.1622	0.1638	0.1208	0.2100	0.0881	0.3400	0.3400	0.1200	0.3500
Schedule		300.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3388	0.3272	0.3254	0.3388	0.3331	0.3258	0.3316	0.2161	0.2688	0.3157	0.3129
1.0000	0.1429	0.1487	0.1472	0.1429	0.1575	0.1935	0.1551	0.3456	0.3144	0.1701	0.2879
2.0000	0.3306	0.3099	0.3060	0.3306	0.3179	0.3093	0.3249	0.2609	0.2193	0.3311	0.1910
3.0000	0.1167	0.1370	0.1415	0.1167	0.1176	0.0692	0.1159	0.1236	0.1166	0.1157	0.1084
4.0000	0.0491	0.0603	0.0627	0.0491	0.0554	0.0812	0.0527	0.0412	0.0516	0.0521	0.0554
5.0000	0.0153	0.0109	0.0110	0.0153	0.0139	0.0058	0.0147	0.0102	0.0198	0.0118	0.0260
6.0000	0.0049	0.0037	0.0038	0.0049	0.0038	0.0132	0.0041	0.0020	0.0067	0.0029	0.0113
7.0000	0.0011	0.0018	0.0019	0.0011	0.0007	0.0002	0.0008	0.0003	0.0020	0.0005	0.0046
8.0000	0.0005	0.0004	0.0005	0.0005	0.0001	0.0016	0.0002	0.0000	0.0006	0.0001	0.0017
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0006
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0002
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0175	0.0203	0.0165	0.0086	0.0200	0.0109	0.1900	0.1100	0.0400	0.0400
pe		0.0974	0.1114	0.1130	0.0572	0.2600	0.0368	0.4500	0.4200	0.0600	0.4800
Schedule		301.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1757	0.1610	0.1592	0.1757	0.1821	0.2601	0.1721	0.1184	0.1212	0.1257	0.1193
1.0000	0.0982	0.1087	0.1064	0.0982	0.1347	0.1012	0.1184	0.2682	0.2682	0.1871	0.2682
2.0000	0.4479	0.4316	0.4181	0.4479	0.3732	0.3497	0.4228	0.2869	0.2837	0.4189	0.2859
3.0000	0.1506	0.1666	0.1769	0.1506	0.1456	0.0724	0.1502	0.1926	0.1907	0.1220	0.1920
4.0000	0.0884	0.0890	0.0983	0.0884	0.1309	0.1562	0.1000	0.0909	0.0912	0.1187	0.0910
5.0000	0.0267	0.0234	0.0219	0.0267	0.0259	0.0122	0.0254	0.0320	0.0330	0.0201	0.0323
6.0000	0.0098	0.0134	0.0116	0.0098	0.0070	0.0395	0.0083	0.0087	0.0093	0.0065	0.0089
7.0000	0.0022	0.0050	0.0057	0.0022	0.0007	0.0007	0.0021	0.0019	0.0021	0.0008	0.0020
8.0000	0.0000	0.0012	0.0017	0.0000	0.0000	0.0071	0.0006	0.0003	0.0004	0.0001	0.0003
9.0000	0.0005	0.0001	0.0001	0.0005	0.0000	0.0000	0.0001	0.0000	0.0001	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0009	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0178	0.0200	0.0149	0.0078	0.1000	0.0044	0.0800	0.0700	0.0700	0.0700
pe		0.0665	0.1047	0.1074	0.1993	0.3700	0.0742	0.4600	0.4600	0.2300	0.4600
Schedule		302.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.0267	0.0088	0.0088	0.0267	0.0522	0.1393	0.0472	0.0370	0.0393	0.0258	0.0385
1.0000	0.0349	0.0552	0.0567	0.0349	0.0849	0.0463	0.0705	0.1340	0.1367	0.1148	0.1357
2.0000	0.3901	0.3845	0.3631	0.3901	0.2767	0.3066	0.2951	0.2288	0.2275	0.2904	0.2279
3.0000	0.2264	0.2386	0.2450	0.2264	0.1896	0.0845	0.2013	0.2452	0.2409	0.1910	0.2424
4.0000	0.1904	0.1663	0.1849	0.1904	0.2447	0.2464	0.2496	0.1847	0.1819	0.2336	0.1829
5.0000	0.0666	0.0521	0.0539	0.0666	0.0903	0.0359	0.0859	0.1039	0.1040	0.0760	0.1040
6.0000	0.0404	0.0482	0.0421	0.0404	0.0513	0.1015	0.0375	0.0452	0.0466	0.0549	0.0461
7.0000	0.0180	0.0301	0.0285	0.0180	0.0088	0.0054	0.0095	0.0156	0.0168	0.0096	0.0163
8.0000	0.0049	0.0145	0.0151	0.0049	0.0016	0.0275	0.0025	0.0043	0.0049	0.0033	0.0047
9.0000	0.0011	0.0014	0.0017	0.0011	0.0000	0.0003	0.0006	0.0010	0.0012	0.0004	0.0011
10.0000	0.0005	0.0002	0.0002	0.0005	-0.0001	0.0053	0.0001	0.0002	0.0002	0.0001	0.0002
11.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0184	0.0184	0.0182	0.0262	0.1100	0.0211	0.0100	0.0100	0.0000	0.0100
pe		0.1098	0.1119	0.1116	0.3116	0.4400	0.2557	0.3400	0.3400	0.3000	0.3400
Schedule		303.0000									
level	**Actual**	**MBD**	MBD-ADJ	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1260	0.1056	0.1050	0.1260	0.1301	0.2249	0.1227	0.0906	0.0934	0.0622	0.0918
1.0000	0.0857	0.1154	0.1130	0.0857	0.1281	0.0855	0.1171	0.2328	0.2335	0.1878	0.2331
2.0000	0.4419	0.4313	0.4255	0.4419	0.3690	0.3473	0.4029	0.2823	0.2792	0.4257	0.2810
3.0000	0.1751	0.1730	0.1770	0.1751	0.1629	0.0785	0.1668	0.2149	0.2122	0.1379	0.2137
4.0000	0.1222	0.1228	0.1278	0.1222	0.1643	0.1814	0.1448	0.1150	0.1148	0.1498	0.1149
5.0000	0.0349	0.0299	0.0285	0.0349	0.0337	0.0170	0.0323	0.0459	0.0470	0.0256	0.0464
6.0000	0.0115	0.0157	0.0145	0.0115	0.0106	0.0520	0.0107	0.0142	0.0151	0.0095	0.0146
7.0000	0.0016	0.0048	0.0065	0.0016	0.0012	0.0013	0.0021	0.0035	0.0039	0.0012	0.0036
8.0000	0.0005	0.0012	0.0021	0.0005	0.0001	0.0104	0.0005	0.0007	0.0008	0.0003	0.0007
9.0000	0.0005	0.0001	0.0002	0.0005	0.0000	0.0000	0.0001	0.0001	0.0001	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0015	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0233	0.0240	0.0221	0.0047	0.1100	0.0038	0.0500	0.0400	0.0800	0.0900
pe		0.0647	0.0772	0.0783	0.1979	0.3700	0.1208	0.4300	0.4300	0.2300	0.4300

Schedule		304.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2477	0.2369	0.2351	0.2477	0.2314	0.2556	0.2299	0.1554	0.1934	0.2019	0.1925
1.0000	0.1642	0.1893	0.1866	0.1642	0.1969	0.1773	0.1967	0.3048	0.2932	0.2180	0.2935
2.0000	0.3306	0.2783	0.2724	0.3306	0.3088	0.3255	0.3124	0.2823	0.2465	0.3294	0.2473
3.0000	0.1402	0.1715	0.1788	0.1402	0.1481	0.0954	0.1467	0.1641	0.1499	0.1470	0.1502
4.0000	0.0775	0.0942	0.0973	0.0775	0.0807	0.1095	0.0784	0.0671	0.0728	0.0760	0.0727
5.0000	0.0289	0.0202	0.0190	0.0289	0.0245	0.0120	0.0251	0.0205	0.0296	0.0205	0.0294
6.0000	0.0087	0.0057	0.0066	0.0087	0.0078	0.0208	0.0083	0.0048	0.0104	0.0059	0.0103
7.0000	0.0016	0.0028	0.0031	0.0016	0.0016	0.0005	0.0020	0.0009	0.0032	0.0011	0.0031
8.0000	0.0005	0.0008	0.0010	0.0005	0.0003	0.0030	0.0004	0.0001	0.0009	0.0002	0.0008
9.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0000	0.0001	0.0000	0.0002	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0143	0.0168	0.0133	0.0217	0.0100	0.0237	0.1300	0.0800	0.0600	0.0800
pe		0.1845	0.2036	0.2052	0.0946	0.1700	0.0836	0.3200	0.2900	0.1100	0.3100
Schedule		305.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3852	0.3708	0.3701	0.3852	0.3800	0.3818	0.3800	0.2655	0.3038	0.3675	0.3651
1.0000	0.1315	0.1470	0.1465	0.1315	0.1428	0.1953	0.1422	0.3654	0.3361	0.1541	0.2908
2.0000	0.3508	0.3445	0.3440	0.3508	0.3478	0.2918	0.3466	0.2374	0.2109	0.3573	0.1750
3.0000	0.0938	0.0955	0.0964	0.0938	0.0874	0.0518	0.0909	0.0968	0.0973	0.0826	0.0921
4.0000	0.0306	0.0351	0.0356	0.0306	0.0342	0.0653	0.0332	0.0278	0.0363	0.0318	0.0442
5.0000	0.0076	0.0051	0.0052	0.0076	0.0062	0.0032	0.0057	0.0059	0.0115	0.0053	0.0197
6.0000	0.0005	0.0013	0.0014	0.0005	0.0014	0.0095	0.0012	0.0010	0.0031	0.0011	0.0082
7.0000	0.0000	0.0005	0.0006	0.0000	0.0002	0.0001	0.0002	0.0001	0.0008	0.0001	0.0032
8.0000	0.0000	0.0001	0.0002	0.0000	0.0000	0.0010	0.0000	0.0000	0.0002	0.0000	0.0012
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0234	0.0246	0.0233	0.0085	0.0100	0.0085	0.2000	0.1400	0.0400	0.0400

pe		0.0519	0.0544	0.0551	0.0436	0.3400	0.0377	0.5900	0.5700	0.0700	0.6200
Schedule		306.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1069	0.0906	0.0953	0.1069	0.1106	0.1702	0.1036	0.0703	0.0730	0.0239	0.0708
1.0000	0.0775	0.0971	0.0947	0.0775	0.1267	0.0998	0.1113	0.2011	0.2026	0.1991	0.2014
2.0000	0.4070	0.3595	0.3470	0.4070	0.3147	0.3247	0.3483	0.2717	0.2689	0.3786	0.2712
3.0000	0.1795	0.2300	0.2335	0.1795	0.1887	0.1133	0.2004	0.2303	0.2269	0.1713	0.2297
4.0000	0.1446	0.1451	0.1520	0.1446	0.1758	0.1889	0.1569	0.1372	0.1364	0.1618	0.1371
5.0000	0.0546	0.0419	0.0400	0.0546	0.0586	0.0304	0.0540	0.0611	0.0620	0.0454	0.0612
6.0000	0.0245	0.0230	0.0207	0.0245	0.0204	0.0559	0.0191	0.0210	0.0221	0.0164	0.0212
7.0000	0.0044	0.0100	0.0124	0.0044	0.0037	0.0029	0.0050	0.0057	0.0063	0.0029	0.0058
8.0000	0.0005	0.0024	0.0039	0.0005	0.0006	0.0117	0.0012	0.0013	0.0015	0.0006	0.0013
9.0000	0.0005	0.0003	0.0004	0.0005	0.0001	0.0001	0.0002	0.0002	0.0003	0.0001	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0018	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0182	0.0129	0.0091	0.0041	0.0700	0.0037	0.0400	0.0400	0.1000	0.0400
pe		0.1570	0.1889	0.1910	0.2141	0.3300	0.1493	0.3700	0.3800	0.2100	0.3700
Schedule		307.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.0278	0.0087	0.0111	0.0278	0.0543	0.1391	0.0484	0.0380	0.0403	0.0270	0.0395
1.0000	0.0398	0.0360	0.0555	0.0398	0.0871	0.0489	0.0706	0.1362	0.1388	0.1227	0.1380
2.0000	0.3950	0.4047	0.3703	0.3950	0.2758	0.3066	0.2974	0.2307	0.2292	0.2855	0.2297
3.0000	0.2160	0.2545	0.2509	0.2160	0.1921	0.0877	0.2049	0.2452	0.2409	0.1897	0.2423
4.0000	0.1822	0.1572	0.1737	0.1822	0.2408	0.2439	0.2469	0.1833	0.1805	0.2302	0.1814
5.0000	0.0807	0.0523	0.0505	0.0807	0.0908	0.0367	0.0856	0.1023	0.1024	0.0780	0.1024
6.0000	0.0382	0.0505	0.0436	0.0382	0.0492	0.0990	0.0331	0.0442	0.0456	0.0541	0.0451
7.0000	0.0120	0.0249	0.0296	0.0120	0.0085	0.0055	0.0092	0.0151	0.0163	0.0096	0.0159
8.0000	0.0060	0.0099	0.0133	0.0060	0.0014	0.0265	0.0030	0.0041	0.0047	0.0028	0.0045
9.0000	0.0022	0.0011	0.0015	0.0022	0.0000	0.0003	0.0008	0.0009	0.0011	0.0003	0.0011
10.0000	0.0000	0.0002	0.0002	0.0000	0.0000	0.0051	0.0002	0.0002	0.0002	0.0001	0.0002
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

er		0.0196	0.0172	0.0139	0.0273	0.1100	0.0212	0.0100	0.0100	0.0100	0.0100
pe		0.1397	0.1493	0.1518	0.2884	0.4400	0.2279	0.3400	0.3300	0.3400	0.3400
Schedule		308.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3050	0.2965	0.2949	0.3050	0.3022	0.3455	0.2994	0.2105	0.2315	0.2700	0.2704
1.0000	0.1429	0.1588	0.1563	0.1429	0.1684	0.1564	0.1640	0.3426	0.3309	0.2017	0.3084
2.0000	0.3846	0.3584	0.3585	0.3846	0.3437	0.3231	0.3594	0.2634	0.2453	0.3656	0.2161
3.0000	0.1042	0.1244	0.1268	0.1042	0.1187	0.0580	0.1168	0.1270	0.1244	0.1045	0.1177
4.0000	0.0507	0.0482	0.0491	0.0507	0.0537	0.0931	0.0468	0.0431	0.0481	0.0472	0.0542
5.0000	0.0104	0.0088	0.0077	0.0104	0.0106	0.0050	0.0103	0.0109	0.0150	0.0086	0.0218
6.0000	0.0022	0.0033	0.0037	0.0022	0.0024	0.0165	0.0027	0.0021	0.0039	0.0021	0.0078
7.0000	0.0000	0.0012	0.0023	0.0000	0.0003	0.0002	0.0005	0.0003	0.0009	0.0003	0.0025
8.0000	0.0000	0.0003	0.0006	0.0000	0.0000	0.0021	0.0001	0.0000	0.0002	0.0000	0.0007
9.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0122	0.0145	0.0118	0.0040	0.0600	0.0081	0.1300	0.1000	0.0400	0.0400
pe		0.0995	0.1019	0.1037	0.1217	0.2700	0.0921	0.5000	0.5000	0.1100	0.5300
Schedule		309.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2559	0.2391	0.2345	0.2559	0.2390	0.2555	0.2358	0.1548	0.2045	0.2156	0.2051
1.0000	0.1604	0.1824	0.1765	0.1604	0.1956	0.1767	0.1969	0.3043	0.2887	0.2072	0.2885
2.0000	0.3273	0.2559	0.2445	0.3273	0.2980	0.3254	0.3050	0.2825	0.2371	0.3167	0.2366
3.0000	0.1386	0.1792	0.1929	0.1386	0.1486	0.0954	0.1437	0.1645	0.1459	0.1520	0.1457
4.0000	0.0682	0.1093	0.1162	0.0682	0.0809	0.1099	0.0768	0.0674	0.0738	0.0776	0.0738
5.0000	0.0349	0.0233	0.0227	0.0349	0.0265	0.0121	0.0282	0.0206	0.0320	0.0226	0.0321
6.0000	0.0109	0.0064	0.0066	0.0109	0.0089	0.0210	0.0102	0.0049	0.0122	0.0067	0.0123
7.0000	0.0022	0.0032	0.0044	0.0022	0.0020	0.0005	0.0026	0.0009	0.0041	0.0013	0.0042
8.0000	0.0016	0.0011	0.0016	0.0016	0.0005	0.0031	0.0006	0.0001	0.0012	0.0003	0.0013
9.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0000	0.0001	0.0000	0.0003	0.0000	0.0003
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0001	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0225	0.0288	0.0204	0.0227	0.0100	0.0270	0.1400	0.0800	0.0600	0.0800
pe		0.2592	0.2957	0.2987	0.1330	0.1900	0.1094	0.3200	0.3200	0.1400	0.3200
Schedule		310.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2831	0.2776	0.2772	0.2831	0.2904	0.3233	0.2860	0.2045	0.2164	0.2529	0.2544
1.0000	0.1538	0.1579	0.1568	0.1538	0.1658	0.1766	0.1587	0.3393	0.3330	0.2058	0.3121
2.0000	0.3993	0.3919	0.3908	0.3993	0.3572	0.3182	0.3814	0.2659	0.2552	0.3837	0.2249
3.0000	0.1026	0.1169	0.1182	0.1026	0.1169	0.0680	0.1150	0.1307	0.1291	0.0976	0.1223
4.0000	0.0491	0.0414	0.0418	0.0491	0.0571	0.0899	0.0457	0.0452	0.0482	0.0493	0.0549
5.0000	0.0093	0.0097	0.0091	0.0093	0.0102	0.0061	0.0099	0.0117	0.0141	0.0082	0.0212
6.0000	0.0027	0.0035	0.0039	0.0027	0.0022	0.0155	0.0027	0.0023	0.0033	0.0022	0.0072
7.0000	0.0000	0.0009	0.0017	0.0000	0.0002	0.0002	0.0005	0.0004	0.0007	0.0003	0.0022
8.0000	0.0000	0.0002	0.0005	0.0000	0.0000	0.0020	0.0001	0.0000	0.0001	0.0000	0.0006
9.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0076	0.0082	0.0069	0.0102	0.0600	0.0040	0.1000	0.0900	0.0400	0.0400
pe		0.0500	0.0530	0.0540	0.1088	0.2800	0.0555	0.4900	0.4900	0.1000	0.5300
Schedule		311.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2946	0.2781	0.2755	0.2946	0.2816	0.2847	0.2777	0.1723	0.2251	0.2535	0.2489
1.0000	0.1277	0.1414	0.1363	0.1277	0.1666	0.1714	0.1604	0.3183	0.2969	0.1872	0.2861
2.0000	0.3393	0.2881	0.2774	0.3393	0.3029	0.3259	0.3228	0.2777	0.2312	0.3234	0.2141
3.0000	0.1413	0.1735	0.1831	0.1413	0.1396	0.0818	0.1372	0.1520	0.1365	0.1374	0.1295
4.0000	0.0584	0.0893	0.0953	0.0584	0.0767	0.1041	0.0668	0.0585	0.0667	0.0719	0.0679
5.0000	0.0251	0.0192	0.0175	0.0251	0.0232	0.0091	0.0236	0.0168	0.0282	0.0195	0.0319
6.0000	0.0104	0.0066	0.0074	0.0104	0.0075	0.0195	0.0085	0.0037	0.0105	0.0058	0.0136
7.0000	0.0022	0.0029	0.0054	0.0022	0.0016	0.0004	0.0023	0.0007	0.0035	0.0011	0.0053
8.0000	0.0011	0.0007	0.0018	0.0011	0.0004	0.0028	0.0006	0.0001	0.0010	0.0002	0.0019
9.0000	0.0000	0.0001	0.0002	0.0000	0.0001	0.0000	0.0001	0.0000	0.0003	0.0000	0.0006
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0001	0.0000	0.0002
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0235	0.0271	0.0137	0.0184	0.0100	0.0240	0.1700	0.0900	0.0500	0.0600
pe		0.1969	0.2323	0.2077	0.1439	0.2700	0.0933	0.3900	0.4100	0.1400	0.4500
Schedule		312.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2253	0.2157	0.2165	0.2253	0.2262	0.2618	0.2216	0.1346	0.1738	0.1777	0.1757
1.0000	0.1495	0.1450	0.1410	0.1495	0.1683	0.1295	0.1644	0.2855	0.2782	0.2075	0.2778
2.0000	0.3372	0.2970	0.2872	0.3372	0.3006	0.3419	0.3174	0.2861	0.2481	0.3355	0.2465
3.0000	0.1560	0.1898	0.1949	0.1560	0.1587	0.0815	0.1584	0.1798	0.1605	0.1513	0.1597
4.0000	0.0775	0.1068	0.1130	0.0775	0.0978	0.1362	0.0897	0.0795	0.0832	0.0891	0.0833
5.0000	0.0355	0.0243	0.0244	0.0355	0.0332	0.0119	0.0320	0.0262	0.0363	0.0271	0.0366
6.0000	0.0153	0.0116	0.0105	0.0153	0.0118	0.0307	0.0120	0.0067	0.0136	0.0093	0.0140
7.0000	0.0033	0.0072	0.0086	0.0033	0.0027	0.0006	0.0033	0.0014	0.0045	0.0020	0.0047
8.0000	0.0005	0.0021	0.0033	0.0005	0.0006	0.0050	0.0009	0.0002	0.0013	0.0005	0.0014
9.0000	0.0000	0.0003	0.0004	0.0000	0.0001	0.0000	0.0002	0.0000	0.0003	0.0001	0.0004
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0006	0.0000	0.0000	0.0001	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0124	0.0114	0.0019	0.0012	0.0400	0.0048	0.1200	0.0700	0.0700	0.0700
pe		0.1660	0.2030	0.1986	0.1097	0.2600	0.0732	0.3000	0.3000	0.1200	0.3000
Schedule		313.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1528	0.1471	0.1436	0.1528	0.1469	0.1962	0.1419	0.0804	0.1078	0.0868	0.0808
1.0000	0.1140	0.1291	0.1226	0.1140	0.1474	0.0938	0.1452	0.2176	0.2252	0.1895	0.2177
2.0000	0.3312	0.2595	0.2361	0.3312	0.2871	0.3380	0.3027	0.2780	0.2512	0.3280	0.2776
3.0000	0.1768	0.2103	0.2230	0.1768	0.1757	0.0960	0.1759	0.2228	0.1966	0.1755	0.2225
4.0000	0.1348	0.1783	0.1961	0.1348	0.1550	0.1853	0.1453	0.1256	0.1200	0.1508	0.1255
5.0000	0.0567	0.0405	0.0433	0.0567	0.0561	0.0228	0.0551	0.0528	0.0602	0.0463	0.0530
6.0000	0.0207	0.0184	0.0153	0.0207	0.0240	0.0535	0.0240	0.0172	0.0256	0.0183	0.0173
7.0000	0.0076	0.0125	0.0138	0.0076	0.0059	0.0019	0.0070	0.0044	0.0094	0.0038	0.0045
8.0000	0.0044	0.0039	0.0054	0.0044	0.0016	0.0108	0.0022	0.0009	0.0030	0.0009	0.0009
9.0000	0.0011	0.0004	0.0006	0.0011	0.0003	0.0001	0.0005	0.0002	0.0008	0.0001	0.0002
10.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0016	0.0001	0.0000	0.0002	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0067	0.0108	9.0541	0.0070	0.0500	0.0129	0.0800	0.0500	0.0700	0.0800
pe		0.2225	0.2809	0.2834	0.1276	0.2800	0.0938	0.2700	0.2600	0.1400	0.2700
Schedule		314.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.6792	0.6769	0.6751	0.6792	0.6733	0.6537	0.6737	0.6136	0.6638	0.0672	0.6772
1.0000	0.1948	0.1987	0.1973	0.1948	0.2069	0.2329	0.2056	0.3038	0.2322	0.0208	0.2151
2.0000	0.0987	0.0925	0.0932	0.0987	0.0926	0.0986	0.0936	0.0710	0.0737	0.0093	0.0723
3.0000	0.0202	0.0241	0.0258	0.0202	0.0208	0.0084	0.0209	0.0104	0.0220	0.0021	0.0241
4.0000	0.0065	0.0058	0.0065	0.0065	0.0052	0.0059	0.0052	0.0011	0.0062	0.0005	0.0078
5.0000	0.0005	0.0010	0.0010	0.0005	0.0009	0.0001	0.0009	0.0001	0.0016	0.0001	0.0024
6.0000	0.0000	0.0005	0.0006	0.0000	0.0002	0.0004	0.0002	0.0000	0.0004	0.0000	0.0007
7.0000	0.0000	0.0002	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0072	0.0127	0.0051	0.0184	0.0800	0.0171	0.2100	0.0500	0.0300	0.0100
pe		0.0501	0.0476	0.0483	0.0645	0.1600	0.0577	0.4700	0.1900	0.0600	0.1600
Schedule		315.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2237	0.1973	0.1947	0.2237	0.2026	0.2141	0.1982	0.1189	0.1738	0.1682	0.1577
1.0000	0.1544	0.1609	0.1548	0.1544	0.1868	0.1569	0.1888	0.2688	0.2627	0.2040	0.2656
2.0000	0.2951	0.2174	0.2044	0.2951	0.2771	0.3284	0.2865	0.2869	0.2357	0.3025	0.2489
3.0000	0.1555	0.2195	0.2297	0.1555	0.1672	0.1118	0.1625	0.1922	0.1608	0.1735	0.1691
4.0000	0.0977	0.1414	0.1551	0.0977	0.1030	0.1341	0.0969	0.0905	0.0912	0.1003	0.0920
5.0000	0.0436	0.0336	0.0352	0.0436	0.0414	0.0188	0.0418	0.0318	0.0448	0.0357	0.0421
6.0000	0.0229	0.0162	0.0119	0.0229	0.0160	0.0292	0.0175	0.0087	0.0195	0.0121	0.0166
7.0000	0.0060	0.0103	0.0098	0.0060	0.0044	0.0011	0.0057	0.0019	0.0076	0.0029	0.0057
8.0000	0.0011	0.0029	0.0039	0.0011	0.0012	0.0048	0.0017	0.0003	0.0027	0.0006	0.0018
9.0000	0.0000	0.0003	0.0005	0.0000	0.0002	0.0000	0.0004	0.0000	0.0008	0.0001	0.0005
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0006	0.0001	0.0000	0.0002	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0340	0.0374	0.0248	0.0272	0.0100	0.0328	0.1300	0.0600	0.0700	0.0800
pe		0.2772	0.3211	0.3221	0.1010	0.2100	0.0765	0.2600	0.2400	0.1300	0.2400
Schedule		316.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.5396	0.5152	0.5137	0.5396	0.5141	0.5167	0.5139	0.4071	0.5131	0.5253	0.5265
1.0000	0.2089	0.2401	0.2391	0.2089	0.2449	0.2173	0.2455	0.3751	0.2632	0.2196	0.2508
2.0000	0.1451	0.1397	0.1398	0.1451	0.1492	0.1940	0.1437	0.1632	0.1254	0.1551	0.1204
3.0000	0.0655	0.0654	0.0664	0.0655	0.0580	0.0319	0.0596	0.0446	0.0569	0.0653	0.0567
4.0000	0.0278	0.0263	0.0269	0.0278	0.0239	0.0325	0.0259	0.0086	0.0247	0.0252	0.0260
5.0000	0.0093	0.0076	0.0078	0.0093	0.0072	0.0018	0.0082	0.0012	0.0103	0.0071	0.0115
6.0000	0.0033	0.0038	0.0041	0.0033	0.0021	0.0049	0.0025	0.0001	0.0041	0.0019	0.0049
7.0000	0.0005	0.0016	0.0018	0.0005	0.0005	0.0001	0.0006	0.0000	0.0015	0.0004	0.0020
8.0000	0.0000	0.0004	0.0004	0.0000	0.0001	0.0007	0.0001	0.0000	0.0005	0.0001	0.0008
9.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0003
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0531	0.0562	0.0526	0.0554	0.0500	0.0558	0.2900	0.0600	0.0300	0.0300
pe		0.0910	0.0899	0.0910	0.1192	0.2400	0.1040	0.5200	0.1700	0.0700	0.1700
Schedule		317.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.5876	0.5895	0.5890	0.5876	0.5883	0.5863	0.5829	0.4898	0.5737	0.5918	0.5943
1.0000	0.2084	0.2087	0.2086	0.2084	0.2121	0.1984	0.2167	0.3566	0.2550	0.2034	0.2333
2.0000	0.1489	0.1353	0.1353	0.1489	0.1409	0.1745	0.1429	0.1226	0.1056	0.1432	0.0997
3.0000	0.0333	0.0434	0.0436	0.0333	0.0387	0.0164	0.0386	0.0265	0.0416	0.0418	0.0427
4.0000	0.0164	0.0181	0.0183	0.0164	0.0154	0.0215	0.0148	0.0040	0.0157	0.0156	0.0180
5.0000	0.0044	0.0034	0.0035	0.0044	0.0034	0.0004	0.0032	0.0005	0.0056	0.0033	0.0074
6.0000	0.0011	0.0011	0.0011	0.0011	0.0010	0.0022	0.0008	0.0000	0.0019	0.0008	0.0029
7.0000	0.0000	0.0003	0.0004	0.0000	0.0002	0.0000	0.0001	0.0000	0.0006	0.0001	0.0011
8.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0002	0.0000	0.0000	0.0002	0.0000	0.0004
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0047	0.0035	0.0050	0.0017	0.0100	0.0114	0.2400	0.0400	0.0000	0.0100
pe		0.0658	0.0666	0.0667	0.0470	0.1500	0.0553	0.4900	0.2400	0.0500	0.2200
Schedule		318.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2941	0.2675	0.2656	0.2941	0.2716	0.2807	0.2679	0.1860	0.2342	0.2602	0.2466
1.0000	0.1637	0.1959	0.1922	0.1637	0.2004	0.2018	0.2025	0.3279	0.3055	0.2013	0.2993
2.0000	0.3202	0.2680	0.2663	0.3202	0.3047	0.3136	0.3112	0.2730	0.2315	0.3163	0.2223
3.0000	0.1260	0.1700	0.1745	0.1260	0.1360	0.0878	0.1299	0.1427	0.1313	0.1411	0.1281
4.0000	0.0660	0.0786	0.0806	0.0660	0.0639	0.0895	0.0609	0.0524	0.0611	0.0619	0.0622
5.0000	0.0218	0.0146	0.0140	0.0218	0.0176	0.0089	0.0200	0.0144	0.0244	0.0151	0.0265
6.0000	0.0065	0.0039	0.0044	0.0065	0.0047	0.0151	0.0060	0.0031	0.0085	0.0035	0.0100
7.0000	0.0016	0.0012	0.0019	0.0016	0.0009	0.0003	0.0014	0.0005	0.0026	0.0006	0.0034
8.0000	0.0000	0.0003	0.0005	0.0000	0.0002	0.0020	0.0003	0.0001	0.0007	0.0001	0.0011
9.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0003
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0377	0.0403	0.0368	0.0319	0.0100	0.0371	0.1500	0.0800	0.0400	0.0600
pe		0.2146	0.2214	0.2232	0.1009	0.1800	0.0844	0.3500	0.3400	0.1000	0.3500

Schedule		319.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2537	0.2360	0.2323	0.2537	0.2396	0.2720	0.2361	0.1539	0.2043	0.2158	0.2059
1.0000	0.1664	0.1644	0.1598	0.1664	0.1931	0.1540	0.1946	0.3035	0.2879	0.2049	0.2873
2.0000	0.3164	0.2658	0.2578	0.3164	0.3001	0.3332	0.3077	0.2827	0.2366	0.3193	0.2354
3.0000	0.1451	0.1890	0.1974	0.1451	0.1457	0.0837	0.1405	0.1652	0.1461	0.1489	0.1455
4.0000	0.0742	0.1102	0.1183	0.0742	0.0823	0.1179	0.0783	0.0679	0.0742	0.0791	0.0743
5.0000	0.0240	0.0203	0.0198	0.0240	0.0268	0.0106	0.0285	0.0208	0.0324	0.0230	0.0327
6.0000	0.0169	0.0078	0.0065	0.0169	0.0094	0.0240	0.0107	0.0049	0.0124	0.0072	0.0127
7.0000	0.0022	0.0049	0.0058	0.0022	0.0022	0.0005	0.0027	0.0009	0.0042	0.0014	0.0044
8.0000	0.0005	0.0014	0.0020	0.0005	0.0005	0.0036	0.0007	0.0001	0.0013	0.0003	0.0014
9.0000	0.0005	0.0002	0.0002	0.0005	0.0001	0.0000	0.0001	0.0000	0.0004	0.0000	0.0004
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	0.0001	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0237	0.2214	0.0235	0.0189	0.0300	0.0236	0.1300	0.0600	0.0500	0.0600
pe		0.2001	0.2432	0.2137	0.0836	0.2100	0.0769	0.2800	0.2800	0.0800	0.2900
Schedule		320.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.0131	0.0049	0.0266	0.0131	0.0386	0.1002	0.0329	0.0225	0.0244	0.0190	0.0231
1.0000	0.0224	0.0184	0.0226	0.0224	0.0734	0.0378	0.0563	0.0951	0.0984	0.0928	0.0962
2.0000	0.3257	0.2322	0.1773	0.3257	0.2113	0.2664	0.2272	0.1896	0.1898	0.2230	0.1897
3.0000	0.2089	0.2725	0.2864	0.2089	0.1924	0.0936	0.2064	0.2373	0.2331	0.1974	0.2359
4.0000	0.2106	0.2607	0.2809	0.2106	0.2349	0.2615	0.2466	0.2087	0.2044	0.2286	0.2073
5.0000	0.1086	0.0892	0.0849	0.1086	0.1311	0.0542	0.1295	0.1371	0.1358	0.1189	0.1367
6.0000	0.0649	0.0500	0.0334	0.0649	0.0819	0.1259	0.0672	0.0697	0.0708	0.0795	0.0701
7.0000	0.0289	0.0433	0.0501	0.0289	0.0267	0.0112	0.0228	0.0280	0.0296	0.0272	0.0286
8.0000	0.0125	0.0232	0.0317	0.0125	0.0083	0.0384	0.0078	0.0090	0.0101	0.0107	0.0094
9.0000	0.0027	0.0042	0.0051	0.0027	0.0013	0.0010	0.0024	0.0024	0.0028	0.0024	0.0025
10.0000	0.0005	0.0009	0.0007	0.0005	0.0001	0.0084	0.0007	0.0005	0.0006	0.0006	0.0005
11.0000	0.0011	0.0004	0.0003	0.0011	0.0000	0.0000	0.0002	0.0001	0.0001	0.0001	0.0001
12.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0013	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0083	0.0137	0.0207	0.0258	0.0900	0.0201	0.0100	0.0100	0.0100	0.0100

pe		0.2769	0.4008	0.3790	0.2584	0.4100	0.2090	0.2800	0.2900	0.2300	0.2800
Schedule		321.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3197	0.3164	0.3160	0.3197	0.3127	0.3661	0.3111	0.2398	0.2618	0.3022	0.2915
1.0000	0.1817	0.1906	0.1902	0.1817	0.1994	0.1757	0.2002	0.3549	0.3402	0.2066	0.3204
2.0000	0.3612	0.3371	0.3369	0.3612	0.3485	0.3064	0.3501	0.2496	0.2323	0.3575	0.2114
3.0000	0.0917	0.1030	0.1035	0.0917	0.0903	0.0549	0.0894	0.1108	0.1099	0.0886	0.1070
4.0000	0.0338	0.0445	0.0446	0.0338	0.0391	0.0782	0.0393	0.0349	0.0401	0.0367	0.0453
5.0000	0.0082	0.0060	0.0058	0.0082	0.0076	0.0041	0.0077	0.0083	0.0119	0.0065	0.0167
6.0000	0.0038	0.0016	0.0020	0.0038	0.0019	0.0128	0.0019	0.0015	0.0030	0.0015	0.0055
7.0000	0.0000	0.0005	0.0009	0.0000	0.0003	0.0001	0.0003	0.0002	0.0006	0.0002	0.0016
8.0000	0.0000	0.0001	0.0002	0.0000	0.0001	0.0016	0.0001	0.0000	0.0001	0.0000	0.0004
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0049	0.0055	0.0048	0.0103	0.0700	0.0126	0.1200	0.0900	0.0300	0.0400
pe		0.0884	0.0893	0.0898	0.0588	0.2400	0.0591	0.4600	0.4700	0.0600	0.4900
Schedule		322.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.0895	0.0650	0.0751	0.0895	0.0996	0.1618	0.0928	0.0646	0.0672	0.0601	0.0648
1.0000	0.0764	0.1009	0.0995	0.0764	0.1218	0.0939	0.1072	0.1896	0.1912	0.1520	0.1897
2.0000	0.3972	0.3615	0.3388	0.3972	0.3066	0.3183	0.3362	0.2645	0.2619	0.3413	0.2643
3.0000	0.2019	0.2246	0.2337	0.2019	0.1925	0.1145	0.2046	0.2330	0.2295	0.1867	0.2327
4.0000	0.1435	0.1545	0.1584	0.1435	0.1829	0.1958	0.1681	0.1454	0.1442	0.1721	0.1453
5.0000	0.0524	0.0494	0.0460	0.0524	0.0653	0.0339	0.0614	0.0683	0.0691	0.0572	0.0684
6.0000	0.0278	0.0254	0.0253	0.0278	0.0251	0.0616	0.0219	0.0251	0.0262	0.0243	0.0252
7.0000	0.0098	0.0135	0.0166	0.0098	0.0051	0.0038	0.0059	0.0074	0.0081	0.0050	0.0074
8.0000	0.0016	0.0044	0.0056	0.0016	0.0010	0.0137	0.0015	0.0018	0.0020	0.0012	0.0018
9.0000	0.0000	0.0006	0.0007	0.0000	0.0001	0.0002	0.0003	0.0003	0.0004	0.0002	0.0004
10.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0023	0.0001	0.0001	0.0001	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0269	0.0158	0.0110	0.0111	0.0800	0.0036	0.0300	0.0300	0.0300	0.0300
pe		0.1171	0.1633	0.1659	0.2260	0.3400	0.1520	0.3300	0.3300	0.2100	0.3300
Schedule		323.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.5177	0.5147	0.5131	0.5177	0.5088	0.5049	0.5070	0.4146	0.4952	0.5082	0.5109
1.0000	0.2270	0.2348	0.2329	0.2270	0.2459	0.2294	0.2473	0.3732	0.2853	0.2415	0.2700
2.0000	0.1729	0.1505	0.1509	0.1729	0.1623	0.2057	0.1619	0.1596	0.1319	0.1662	0.1263
3.0000	0.0524	0.0655	0.0676	0.0524	0.0548	0.0275	0.0548	0.0431	0.0549	0.0570	0.0553
4.0000	0.0213	0.0268	0.0275	0.0213	0.0211	0.0281	0.0214	0.0082	0.0212	0.0207	0.0231
5.0000	0.0065	0.0053	0.0050	0.0065	0.0054	0.0009	0.0056	0.0012	0.0077	0.0049	0.0092
6.0000	0.0016	0.0018	0.0018	0.0016	0.0015	0.0031	0.0015	0.0001	0.0026	0.0012	0.0035
7.0000	0.0005	0.0006	0.0008	0.0005	0.0003	0.0000	0.0003	0.0000	0.0008	0.0002	0.0013
8.0000	0.0000	0.0001	0.0002	0.0000	0.0001	0.0003	0.0001	0.0000	0.0003	0.0000	0.0004
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0063	0.0095	0.0048	0.0185	0.0300	0.0222	0.2200	0.0500	0.0200	0.0200
pe		0.1045	0.1072	0.1075	0.0697	0.1500	0.0728	0.4000	0.2100	0.0600	0.2100
Schedule		324.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2346	0.2346	0.2328	0.2346	0.2223	0.2671	0.2213	0.1490	0.1846	0.1901	0.1813
1.0000	0.1724	0.1763	0.1726	0.1724	0.1952	0.1497	0.1974	0.2976	0.2885	0.2179	0.2895
2.0000	0.3170	0.2652	0.2637	0.3170	0.3060	0.3331	0.3049	0.2824	0.2484	0.3295	0.2513
3.0000	0.1517	0.1827	0.1862	0.1517	0.1527	0.0851	0.1514	0.1692	0.1541	0.1514	0.1555
4.0000	0.0851	0.1099	0.1113	0.0851	0.0859	0.1222	0.0855	0.0718	0.0763	0.0806	0.0761
5.0000	0.0245	0.0203	0.0202	0.0245	0.0268	0.0116	0.0275	0.0230	0.0317	0.0224	0.0310
6.0000	0.0125	0.0062	0.0069	0.0125	0.0089	0.0259	0.0094	0.0057	0.0114	0.0067	0.0109
7.0000	0.0011	0.0037	0.0048	0.0011	0.0018	0.0006	0.0020	0.0011	0.0036	0.0012	0.0033
8.0000	0.0011	0.0010	0.0014	0.0011	0.0004	0.0041	0.0005	0.0002	0.0010	0.0002	0.0009
9.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0000	0.0001	0.0000	0.0003	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000	0.0001	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0001	0.0023	5.9956	0.0161	0.0500	0.0174	0.1100	0.0600	0.0500	0.0600
pe		0.1631	0.1676	0.1684	0.0562	0.2200	0.0594	0.2600	0.2700	0.0900	0.2700
Schedule		325.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1244	0.1070	0.1074	0.1244	0.1382	0.2254	0.1309	0.0925	0.0953	0.0527	0.0933
1.0000	0.0987	0.1083	0.1058	0.0987	0.1320	0.0882	0.1172	0.2338	0.2345	0.2064	0.2340
2.0000	0.4321	0.4306	0.4207	0.4321	0.3502	0.3443	0.3858	0.2808	0.2777	0.4227	0.2799
3.0000	0.1762	0.1910	0.1964	0.1762	0.1711	0.0800	0.1792	0.2130	0.2103	0.1424	0.2122
4.0000	0.1129	0.1022	0.1094	0.1129	0.1526	0.1789	0.1349	0.1144	0.1142	0.1314	0.1144
5.0000	0.0366	0.0273	0.0276	0.0366	0.0407	0.0175	0.0372	0.0463	0.0473	0.0296	0.0466
6.0000	0.0164	0.0177	0.0159	0.0164	0.0136	0.0517	0.0119	0.0146	0.0155	0.0124	0.0149
7.0000	0.0016	0.0113	0.0113	0.0016	0.0016	0.0014	0.0023	0.0037	0.0041	0.0019	0.0038
8.0000	0.0011	0.0043	0.0048	0.0011	0.0000	0.0106	0.0005	0.0008	0.0009	0.0005	0.0008
9.0000	0.0000	0.0004	0.0005	0.0000	-0.0001	0.0001	0.0001	0.0001	0.0002	0.0001	0.0001
10.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0016	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0199	0.0194	0.0165	0.0158	0.1200	0.0074	0.0300	0.0300	0.0800	0.0300
pe		0.0692	0.0751	0.0718	0.1920	0.3800	0.1100	0.3900	0.3800	0.2000	0.3900
Schedule		326.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2433	0.2325	0.2298	0.2433	0.2259	0.2513	0.2242	0.1521	0.1885	0.1938	0.1842
1.0000	0.1615	0.1865	0.1820	0.1615	0.1965	0.1755	0.1964	0.3004	0.2904	0.2200	0.2918
2.0000	0.3295	0.2741	0.2666	0.3295	0.3063	0.3242	0.3107	0.2817	0.2473	0.3284	0.2510
3.0000	0.1435	0.1751	0.1862	0.1435	0.1514	0.0975	0.1497	0.1669	0.1521	0.1502	0.1538
4.0000	0.0807	0.0973	0.1024	0.0807	0.0829	0.1120	0.0804	0.0700	0.0748	0.0779	0.0745
5.0000	0.0289	0.0224	0.0203	0.0289	0.0261	0.0130	0.0267	0.0221	0.0310	0.0218	0.0301
6.0000	0.0098	0.0075	0.0075	0.0098	0.0085	0.0220	0.0090	0.0055	0.0111	0.0064	0.0104

7.0000	0.0022	0.0034	0.0038	0.0022	0.0019	0.0006	0.0023	0.0011	0.0035	0.0012	0.0031
8.0000	0.0005	0.0010	0.0012	0.0005	0.0004	0.0034	0.0005	0.0002	0.0010	0.0002	0.0008
9.0000	0.0000	0.0001	0.0002	0.0000	0.0001	0.0000	0.0001	0.0000	0.0002	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	0.0001	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0142	0.0178	0.0130	0.0230	0.0100	0.0252	0.1200	0.0700	0.0600	0.0700
pe		0.1841	0.2129	0.2151	0.0963	0.1700	0.0838	0.3000	0.3000	0.1100	0.3000
Schedule		327.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3241	0.3098	0.3099	0.3241	0.3186	0.3369	0.3183	0.2034	0.2553	0.2971	0.2944
1.0000	0.1424	0.1393	0.1364	0.1424	0.1573	0.1556	0.1537	0.3372	0.3096	0.1728	0.2880
2.0000	0.3344	0.3058	0.3006	0.3344	0.3174	0.3234	0.3229	0.2655	0.2231	0.3341	0.1971
3.0000	0.1157	0.1518	0.1571	0.1157	0.1212	0.0610	0.1212	0.1321	0.1224	0.1186	0.1138
4.0000	0.0556	0.0712	0.0749	0.0556	0.0623	0.0965	0.0600	0.0465	0.0560	0.0583	0.0588
5.0000	0.0196	0.0127	0.0116	0.0196	0.0167	0.0057	0.0173	0.0123	0.0223	0.0141	0.0278
6.0000	0.0055	0.0057	0.0048	0.0055	0.0051	0.0178	0.0052	0.0026	0.0079	0.0040	0.0122
7.0000	0.0027	0.0028	0.0036	0.0027	0.0010	0.0002	0.0011	0.0004	0.0025	0.0007	0.0050
8.0000	0.0000	0.0007	0.0011	0.0000	0.0002	0.0025	0.0002	0.0001	0.0007	0.0001	0.0019
9.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0007
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0002
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0211	0.0211	0.0135	0.0081	0.0200	0.0086	0.1700	0.1000	0.0300	0.0400
pe		0.1353	0.1646	0.1518	0.0729	0.2200	0.0549	0.4400	0.4300	0.0700	0.4600
Schedule		328.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3573	0.3398	0.3408	0.3573	0.3484	0.3411	0.3487	0.2383	0.2809	0.3317	0.3299
1.0000	0.1408	0.1462	0.1437	0.1408	0.1596	0.2086	0.1579	0.3543	0.3260	0.1737	0.2938

2.0000	0.3366	0.3180	0.3152	0.3366	0.3249	0.2964	0.3259	0.2503	0.2180	0.3368	0.1872
3.0000	0.1097	0.1334	0.1362	0.1097	0.1114	0.0658	0.1123	0.1117	0.1087	0.1075	0.1017
4.0000	0.0409	0.0492	0.0508	0.0409	0.0428	0.0707	0.0423	0.0353	0.0444	0.0396	0.0498
5.0000	0.0109	0.0087	0.0086	0.0109	0.0100	0.0050	0.0100	0.0084	0.0155	0.0085	0.0224
6.0000	0.0038	0.0029	0.0028	0.0038	0.0023	0.0108	0.0024	0.0016	0.0048	0.0018	0.0094
7.0000	0.0000	0.0014	0.0015	0.0000	0.0004	0.0001	0.0004	0.0002	0.0013	0.0003	0.0037
8.0000	0.0000	0.0004	0.0004	0.0000	0.0001	0.0013	0.0001	0.0000	0.0003	0.0000	0.0014
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0005
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0273	0.0257	0.0220	0.0138	0.0300	0.0134	0.1900	0.1200	0.0400	0.0500
pe		0.0948	0.1026	0.0896	0.0576	0.3100	0.0538	0.4800	0.4800	0.0600	0.5300
Schedule		329.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3273	0.3265	0.3245	0.3273	0.3283	0.3501	0.3233	0.2209	0.2616	0.3074	0.3046
1.0000	0.1446	0.1397	0.1371	0.1446	0.1616	0.1670	0.1581	0.3465	0.3221	0.1798	0.2961
2.0000	0.3693	0.3291	0.3271	0.3693	0.3258	0.3151	0.3462	0.2581	0.2256	0.3407	0.1970
3.0000	0.0960	0.1363	0.1400	0.0960	0.1167	0.0586	0.1105	0.1215	0.1166	0.1115	0.1091
4.0000	0.0366	0.0541	0.0564	0.0366	0.0518	0.0869	0.0440	0.0405	0.0490	0.0477	0.0536
5.0000	0.0202	0.0082	0.0082	0.0202	0.0121	0.0049	0.0127	0.0102	0.0175	0.0101	0.0240
6.0000	0.0060	0.0036	0.0035	0.0060	0.0030	0.0151	0.0040	0.0020	0.0055	0.0024	0.0099
7.0000	0.0000	0.0021	0.0023	0.0000	0.0005	0.0002	0.0009	0.0003	0.0015	0.0004	0.0038
8.0000	0.0000	0.0005	0.0006	0.0000	0.0001	0.0020	0.0002	0.0000	0.0004	0.0001	0.0014
9.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0004
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0012	0.0041	2.8219	0.0015	0.0300	0.0059	0.1600	0.1000	0.0300	0.0400

pe		0.1783	0.1948	0.1953	0.1607	0.2800	0.1027	0.5400	0.5200	0.1500	0.5500
Schedule		330.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.5908	0.5812	0.5801	0.5908	0.5771	0.5718	0.5746	0.4833	0.5667	0.5798	0.5837
1.0000	0.2008	0.2170	0.2161	0.2008	0.2262	0.2164	0.2259	0.3579	0.2581	0.2182	0.2403
2.0000	0.1364	0.1311	0.1310	0.1364	0.1342	0.1682	0.1367	0.1259	0.1077	0.1371	0.1027
3.0000	0.0507	0.0467	0.0479	0.0507	0.0418	0.0197	0.0428	0.0280	0.0426	0.0444	0.0435
4.0000	0.0185	0.0174	0.0181	0.0185	0.0155	0.0208	0.0151	0.0044	0.0161	0.0156	0.0180
5.0000	0.0022	0.0043	0.0045	0.0022	0.0039	0.0006	0.0037	0.0005	0.0058	0.0038	0.0073
6.0000	0.0005	0.0015	0.0015	0.0005	0.0011	0.0023	0.0009	0.0000	0.0020	0.0009	0.0028
7.0000	0.0000	0.0005	0.0006	0.0000	0.0002	0.0000	0.0002	0.0000	0.0007	0.0002	0.0011
8.0000	0.0000	0.0002	0.0002	0.0000	0.0000	0.0002	0.0000	0.0000	0.0002	0.0000	0.0004
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0235	0.0261	0.0226	0.0335	0.0400	0.0396	0.2600	0.0600	0.0200	0.0200
pe		0.0746	0.0682	0.0702	0.1026	0.2000	0.0396	0.5100	0.2400	0.0700	0.2200
Schedule		331.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3906	0.3916	0.3902	0.3906	0.3872	0.4216	0.3840	0.2759	0.3339	0.3759	0.3722
1.0000	0.1697	0.1724	0.1711	0.1697	0.1851	0.1529	0.1841	0.3670	0.3215	0.1930	0.2928
2.0000	0.3093	0.2835	0.2825	0.3093	0.2943	0.3000	0.3014	0.2319	0.1942	0.3038	0.1729
3.0000	0.0807	0.0938	0.0957	0.0807	0.0783	0.0386	0.0784	0.0925	0.0927	0.0765	0.0893
4.0000	0.0376	0.0490	0.0505	0.0376	0.0427	0.0719	0.0398	0.0262	0.0378	0.0403	0.0421
5.0000	0.0076	0.0060	0.0060	0.0076	0.0088	0.0023	0.0089	0.0056	0.0136	0.0077	0.0185
6.0000	0.0033	0.0022	0.0019	0.0033	0.0030	0.0113	0.0028	0.0009	0.0044	0.0024	0.0076
7.0000	0.0005	0.0013	0.0016	0.0005	0.0005	0.0001	0.0005	0.0001	0.0013	0.0004	0.0029
8.0000	0.0005	0.0003	0.0006	0.0005	0.0001	0.0013	0.0001	0.0000	0.0004	0.0001	0.0011
9.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0004
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0017	0.0007	0.0021	0.0056	0.0500	0.0108	0.1900	0.0900	0.0200	0.0300
pe		0.0930	0.0989	0.1002	0.0653	0.2000	0.0476	0.4900	0.4800	0.0700	0.4800
Schedule		332.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1413	0.1185	0.1240	0.1413	0.1477	0.2149	0.1382	0.0875	0.0953	0.0716	0.0877
1.0000	0.0944	0.1041	0.1038	0.0944	0.1325	0.0900	0.1169	0.2267	0.2290	0.1950	0.2268
2.0000	0.3983	0.3613	0.3511	0.3983	0.3212	0.3402	0.3619	0.2790	0.2707	0.3806	0.2787
3.0000	0.1697	0.2122	0.2149	0.1697	0.1718	0.0854	0.1839	0.2168	0.2091	0.1548	0.2166
4.0000	0.1238	0.1326	0.1352	0.1238	0.1544	0.1813	0.1287	0.1193	0.1183	0.1405	0.1193
5.0000	0.0475	0.0357	0.0346	0.0475	0.0494	0.0198	0.0453	0.0495	0.0520	0.0383	0.0495
6.0000	0.0169	0.0198	0.0184	0.0169	0.0188	0.0533	0.0184	0.0160	0.0185	0.0156	0.0161
7.0000	0.0060	0.0115	0.0128	0.0060	0.0035	0.0017	0.0050	0.0041	0.0054	0.0028	0.0042
8.0000	0.0022	0.0039	0.0046	0.0022	0.0007	0.0112	0.0015	0.0009	0.0013	0.0007	0.0009
9.0000	0.0000	0.0004	0.0005	0.0000	0.0001	0.0001	0.0003	0.0002	0.0003	0.0001	0.0002
10.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0018	0.0001	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0266	0.0202	0.0153	0.0075	0.0900	0.0036	0.0600	0.0500	0.0800	0.0900
pe		0.1401	0.1602	0.1551	0.1814	0.3300	0.0976	0.3600	0.3600	0.2000	0.3600

Schedule		333.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.0884	0.0681	0.0858	0.0884	0.1017	0.1581	0.0927	0.0545	0.0634	0.0489	0.0547
1.0000	0.0846	0.0609	0.0592	0.0846	0.1216	0.0719	0.1041	0.1707	0.1773	0.1533	0.1709
2.0000	0.3492	0.2921	0.2229	0.3492	0.2674	0.3185	0.3014	0.2539	0.2463	0.3146	0.2538
3.0000	0.2008	0.2549	0.2747	0.2008	0.1946	0.1005	0.2103	0.2386	0.2258	0.1960	0.2383
4.0000	0.1500	0.1752	0.2221	0.1500	0.1770	0.2159	0.1657	0.1588	0.1530	0.1673	0.1586
5.0000	0.0726	0.0560	0.0585	0.0726	0.0830	0.0335	0.0744	0.0795	0.0813	0.0713	0.0796
6.0000	0.0306	0.0407	0.0256	0.0306	0.0392	0.0754	0.0336	0.0311	0.0351	0.0343	0.0312
7.0000	0.0191	0.0345	0.0314	0.0191	0.0116	0.0041	0.0118	0.0098	0.0126	0.0102	0.0098
8.0000	0.0027	0.0140	0.0162	0.0027	0.0032	0.0181	0.0043	0.0025	0.0038	0.0032	0.0025
9.0000	0.0011	0.0026	0.0031	0.0011	0.0006	0.0002	0.0013	0.0005	0.0010	0.0007	0.0005
10.0000	0.0011	0.0005	0.0004	0.0011	0.0001	0.0032	0.0004	0.0001	0.0002	0.0002	0.0001
11.0000	0.0000	0.0002	0.0001	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0222	0.0029	0.0119	0.0146	0.0700	0.0047	0.0400	0.0300	0.0500	0.0400
pe		0.2368	0.3789	0.3586	0.1980	0.3600	0.1176	0.2700	0.2500	0.1500	0.2700
Schedule		334.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1249	0.1095	0.1108	0.1249	0.1344	0.1946	0.1253	0.0801	0.0836	0.0474	0.0812
1.0000	0.0889	0.0999	0.0957	0.0889	0.1261	0.0956	0.1104	0.2155	0.2169	0.1950	0.2159
2.0000	0.3944	0.3730	0.3531	0.3944	0.3236	0.3328	0.3623	0.2755	0.2717	0.3961	0.2743
3.0000	0.1888	0.2038	0.2153	0.1888	0.1725	0.0980	0.1826	0.2224	0.2185	0.1532	0.2212
4.0000	0.1293	0.1355	0.1489	0.1293	0.1638	0.1841	0.1440	0.1272	0.1264	0.1460	0.1269
5.0000	0.0442	0.0348	0.0351	0.0442	0.0524	0.0244	0.0485	0.0547	0.0560	0.0391	0.0551
6.0000	0.0196	0.0209	0.0167	0.0196	0.0222	0.0546	0.0199	0.0184	0.0196	0.0185	0.0188
7.0000	0.0076	0.0154	0.0154	0.0076	0.0041	0.0023	0.0052	0.0050	0.0056	0.0035	0.0052
8.0000	0.0016	0.0064	0.0079	0.0016	0.0008	0.0116	0.0015	0.0011	0.0013	0.0010	0.0012
9.0000	0.0005	0.0008	0.0010	0.0005	0.0000	0.0001	0.0003	0.0002	0.0003	0.0001	0.0002
10.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0019	0.0001	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er=		0.0176	0.0161	0.0097	0.0109	0.0800	0.0005	0.0500	0.0400	0.0800	0.0500
pe		0.0883	0.1381	0.1407	0.1993	0.3300	0.0936	0.3400	0.3300	0.1900	0.3400
Schedule		335.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2493	0.2425	0.2383	0.2493	0.2374	0.2832	0.2363	0.1662	0.1968	0.2065	0.1975
1.0000	0.1724	0.1841	0.1777	0.1724	0.1993	0.1612	0.2003	0.3121	0.3015	0.2245	0.3013
2.0000	0.3350	0.2883	0.2871	0.3350	0.3182	0.3285	0.3191	0.2783	0.2496	0.3385	0.2490
3.0000	0.1424	0.1674	0.1759	0.1424	0.1417	0.0809	0.1410	0.1567	0.1465	0.1381	0.1463
4.0000	0.0726	0.0910	0.0935	0.0726	0.0742	0.1104	0.0731	0.0625	0.0678	0.0691	0.0678
5.0000	0.0169	0.0174	0.0168	0.0169	0.0211	0.0097	0.0213	0.0188	0.0260	0.0174	0.0261
6.0000	0.0082	0.0056	0.0057	0.0082	0.0065	0.0219	0.0069	0.0044	0.0085	0.0049	0.0086
7.0000	0.0033	0.0029	0.0037	0.0033	0.0013	0.0004	0.0015	0.0008	0.0024	0.0009	0.0025
8.0000	0.0000	0.0007	0.0011	0.0000	0.0003	0.0033	0.0004	0.0001	0.0006	0.0002	0.0006
9.0000	0.0000	0.0001	0.0002	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0090	0.0146	0.0100	0.0159	0.0400	0.0173	0.1100	0.0700	0.0600	0.0700
pe		0.1415	0.1490	0.1510	0.0722	0.1900	0.0715	0.3100	0.3100	0.0900	0.3100
Schedule		336.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3382	0.3291	0.3249	0.3382	0.3266	0.3532	0.3237	0.2202	0.2828	0.3070	0.3034
1.0000	0.1746	0.1813	0.1766	0.1746	0.2012	0.1621	0.2004	0.3462	0.3087	0.2147	0.2963
2.0000	0.2946	0.2559	0.2513	0.2946	0.2792	0.3162	0.2869	0.2584	0.2106	0.2939	0.1975
3.0000	0.1146	0.1357	0.1443	0.1146	0.1108	0.0571	0.1093	0.1219	0.1132	0.1098	0.1094
4.0000	0.0518	0.0728	0.0794	0.0518	0.0583	0.0884	0.0543	0.0407	0.0520	0.0549	0.0537
5.0000	0.0180	0.0141	0.0121	0.0180	0.0167	0.0049	0.0171	0.0102	0.0211	0.0143	0.0240
6.0000	0.0060	0.0070	0.0047	0.0060	0.0057	0.0156	0.0061	0.0020	0.0078	0.0044	0.0099
7.0000	0.0011	0.0031	0.0046	0.0011	0.0013	0.0002	0.0016	0.0003	0.0026	0.0009	0.0038
8.0000	0.0011	0.0007	0.0017	0.0011	0.0003	0.0021	0.0004	0.0000	0.0008	0.0002	0.0013
9.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0000	0.0001	0.0000	0.0002	0.0000	0.0004
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0001	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0137	0.0201	0.0119	0.0175	0.0200	0.0219	0.1800	0.0900	0.0500	0.0600
pe		0.1436	0.1727	0.1628	0.0831	0.2300	0.0659	0.3600	0.3200	0.0900	0.3600
Schedule		337.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4975	0.4961	0.4921	0.4975	0.4858	0.4861	0.4841	0.3837	0.4709	0.4838	0.4861
1.0000	0.2237	0.2283	0.2238	0.2237	0.2446	0.2174	0.2459	0.3765	0.2872	0.2413	0.2731
2.0000	0.1789	0.1548	0.1545	0.1789	0.1717	0.2244	0.1718	0.1754	0.1403	0.1764	0.1342
3.0000	0.0589	0.0754	0.0811	0.0589	0.0620	0.0310	0.0617	0.0516	0.0617	0.0642	0.0616
4.0000	0.0311	0.0334	0.0365	0.0311	0.0258	0.0351	0.0258	0.0108	0.0251	0.0254	0.0268
5.0000	0.0082	0.0071	0.0067	0.0082	0.0072	0.0012	0.0076	0.0017	0.0096	0.0066	0.0111
6.0000	0.0005	0.0032	0.0028	0.0005	0.0022	0.0043	0.0024	0.0002	0.0035	0.0018	0.0044
7.0000	0.0005	0.0012	0.0018	0.0005	0.0005	0.0000	0.0006	0.0000	0.0012	0.0003	0.0017
8.0000	0.0005	0.0004	0.0006	0.0005	0.0001	0.0004	0.0001	0.0000	0.0004	0.0001	0.0006
9.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0028	0.0004	2.9706	0.0233	0.0300	0.0267	0.2300	0.0600	0.0300	0.0300
pe		0.1041	0.0975	0.1164	0.0788	0.2000	0.0804	0.3800	0.2200	0.0600	0.2200
Schedule		338.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.5630	0.5652	0.5632	0.5630	0.5608	0.5577	0.5556	0.4598	0.5457	0.5630	0.5658
1.0000	0.2122	0.2136	0.2121	0.2122	0.2211	0.2047	0.2258	0.3643	0.2648	0.2138	0.2443
2.0000	0.1598	0.1397	0.1395	0.1598	0.1492	0.1901	0.1509	0.1371	0.1147	0.1521	0.1083
3.0000	0.0371	0.0520	0.0541	0.0371	0.0447	0.0195	0.0444	0.0326	0.0467	0.0475	0.0474
4.0000	0.0213	0.0224	0.0236	0.0213	0.0181	0.0247	0.0176	0.0055	0.0180	0.0181	0.0203
5.0000	0.0055	0.0044	0.0045	0.0055	0.0044	0.0005	0.0043	0.0007	0.0067	0.0042	0.0084
6.0000	0.0011	0.0018	0.0019	0.0011	0.0013	0.0026	0.0012	0.0001	0.0023	0.0011	0.0034
7.0000	0.0000	0.0007	0.0009	0.0000	0.0002	0.0000	0.0002	0.0000	0.0008	0.0002	0.0013

8.0000	0.0000	0.0001	0.0002	0.0000	0.0001	0.0002	0.0001	0.0000	0.0002	0.0000	0.0005
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0051	0.0153	0.0065	0.0050	0.0100	0.0169	0.2300	0.0300	0.0100	0.0100
pe		0.0918	0.0567	0.1000	0.0730	0.1600	0.0803	0.4500	0.2500	0.0500	0.2300
Schedule		339.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4337	0.4277	0.4250	0.4337	0.4210	0.4218	0.4196	0.3275	0.4095	0.4151	0.4160
1.0000	0.2488	0.2569	0.2519	0.2488	0.2662	0.2326	0.2683	0.3760	0.3015	0.2664	0.2960
2.0000	0.1860	0.1780	0.1767	0.1860	0.1884	0.2504	0.1859	0.2050	0.1626	0.1948	0.1595
3.0000	0.0802	0.0839	0.0901	0.0802	0.0784	0.0440	0.0788	0.0706	0.0756	0.0804	0.0754
4.0000	0.0355	0.0339	0.0372	0.0355	0.0325	0.0432	0.0333	0.0172	0.0318	0.0317	0.0326
5.0000	0.0125	0.0107	0.0100	0.0125	0.0098	0.0021	0.0103	0.0032	0.0124	0.0088	0.0131
6.0000	0.0033	0.0060	0.0056	0.0033	0.0029	0.0054	0.0031	0.0005	0.0045	0.0023	0.0049
7.0000	0.0000	0.0025	0.0027	0.0000	0.0006	0.0000	0.0007	0.0001	0.0015	0.0005	0.0017
8.0000	0.0000	0.0005	0.0006	0.0000	0.0001	0.0005	0.0001	0.0000	0.0005	0.0001	0.0006
9.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0106	0.0153	0.0081	0.0224	0.0100	0.0249	0.1800	0.0400	0.0300	0.0200
pe		0.0511	0.0567	0.0563	0.0502	0.2500	0.0466	0.3300	0.1200	0.0700	0.1600
Schedule		340.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1511	0.1431	0.1402	0.1511	0.1358	0.1697	0.1294	0.0661	0.1018	0.0720	0.0674
1.0000	0.0998	0.1260	0.1102	0.0998	0.1409	0.0883	0.1385	0.1923	0.2069	0.1794	0.1931
2.0000	0.2886	0.1982	0.1531	0.2886	0.2577	0.3241	0.2763	0.2658	0.2347	0.2977	0.2645

3.0000	0.1915	0.2055	0.2424	0.1915	0.1797	0.1064	0.1804	0.2321	0.1940	0.1876	0.2303
4.0000	0.1451	0.1949	0.2364	0.1451	0.1612	0.1982	0.1507	0.1435	0.1292	0.1629	0.1430
5.0000	0.0693	0.0715	0.0606	0.0693	0.0733	0.0307	0.0702	0.0668	0.0729	0.0633	0.0672
6.0000	0.0338	0.0416	0.0220	0.0338	0.0358	0.0626	0.0354	0.0243	0.0358	0.0276	0.0249
7.0000	0.0098	0.0160	0.0234	0.0098	0.0111	0.0033	0.0130	0.0071	0.0156	0.0071	0.0074
8.0000	0.0087	0.0022	0.0101	0.0087	0.0035	0.0139	0.0046	0.0017	0.0061	0.0020	0.0018
9.0000	0.0016	0.0007	0.0012	0.0016	0.0008	0.0002	0.0012	0.0003	0.0021	0.0004	0.0004
10.0000	0.0000	0.0002	0.0002	0.0000	0.0002	0.0023	0.0003	0.0001	0.0007	0.0001	0.0001
11.0000	0.0005	0.0000	0.0000	0.0005	0.0000	0.0000	0.0001	0.0000	0.0002	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0095	0.0128	0.0078	0.0180	0.0200	0.0256	0.1000	0.0600	0.0900	0.1000
pe		0.2412	0.3827	0.3389	0.1342	0.3200	0.0926	0.2100	0.2200	0.1500	0.2100
Schedule		341.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.5996	0.5821	0.5809	0.5996	0.5800	0.5592	0.5805	0.4871	0.5753	0.5881	0.5933
1.0000	0.1942	0.2230	0.2223	0.1942	0.2293	0.2450	0.2265	0.3568	0.2513	0.2115	0.2326
2.0000	0.1386	0.1221	0.1217	0.1386	0.1291	0.1521	0.1277	0.1241	0.1051	0.1333	0.0998
3.0000	0.0431	0.0467	0.0475	0.0431	0.0413	0.0233	0.0438	0.0273	0.0424	0.0462	0.0432
4.0000	0.0202	0.0187	0.0194	0.0202	0.0151	0.0173	0.0159	0.0042	0.0165	0.0159	0.0184
5.0000	0.0022	0.0051	0.0054	0.0022	0.0039	0.0008	0.0042	0.0005	0.0061	0.0039	0.0077
6.0000	0.0016	0.0016	0.0017	0.0016	0.0010	0.0020	0.0011	0.0000	0.0022	0.0009	0.0031
7.0000	0.0000	0.0006	0.0007	0.0000	0.0002	0.0000	0.0002	0.0000	0.0008	0.0002	0.0012
8.0000	0.0005	0.0002	0.0002	0.0005	0.0000	0.0002	0.0000	0.0000	0.0002	0.0000	0.0005
9.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0438	0.0466	0.0425	0.0490	0.1000	0.0477	0.2800	0.0600	0.0300	0.0200
pe		0.1358	0.1360	0.1365	0.1361	0.2200	0.1284	0.5200	0.2200	0.0800	0.2200

Schedule		342.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2722	0.2677	0.2650	0.2722	0.2793	0.3036	0.2758	0.1890	0.2117	0.2412	0.2198
1.0000	0.1538	0.1596	0.1554	0.1538	0.1667	0.1754	0.1627	0.3283	0.3181	0.2043	0.3142
2.0000	0.3857	0.3604	0.3568	0.3857	0.3388	0.3206	0.3551	0.2710	0.2503	0.3656	0.2435
3.0000	0.1102	0.1325	0.1387	0.1102	0.1284	0.0754	0.1270	0.1413	0.1361	0.1138	0.1342
4.0000	0.0556	0.0560	0.0606	0.0556	0.0667	0.0966	0.0591	0.0522	0.0570	0.0588	0.0583
5.0000	0.0153	0.0141	0.0132	0.0153	0.0153	0.0078	0.0149	0.0145	0.0195	0.0122	0.0211
6.0000	0.0060	0.0068	0.0058	0.0060	0.0040	0.0176	0.0042	0.0031	0.0056	0.0035	0.0065
7.0000	0.0011	0.0024	0.0033	0.0011	0.0006	0.0003	0.0009	0.0005	0.0014	0.0005	0.0018
8.0000	0.0000	0.0005	0.0010	0.0000	0.0001	0.0025	0.0002	0.0001	0.0003	0.0001	0.0004
9.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0062	0.0098	0.0051	0.0098	0.0500	0.0049	0.1100	0.0800	0.0400	0.0400
pe		0.0793	0.0957	0.0980	0.1260	0.2600	0.0857	0.4500	0.4500	0.1100	0.4700
Schedule		343.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.0267	0.0076	0.0085	0.0267	0.0521	0.1397	0.0470	0.0373	0.0396	0.0259	0.0380
1.0000	0.0344	0.0555	0.0544	0.0344	0.0844	0.0462	0.0696	0.1333	0.1360	0.1174	0.1342
2.0000	0.3917	0.3737	0.3540	0.3917	0.2725	0.3038	0.2913	0.2264	0.2251	0.2832	0.2260
3.0000	0.2188	0.2400	0.2494	0.2188	0.1896	0.0838	0.2016	0.2428	0.2386	0.1885	0.2414
4.0000	0.1817	0.1779	0.1906	0.1817	0.2438	0.2449	0.2487	0.1844	0.1815	0.2336	0.1835
5.0000	0.0775	0.0549	0.0554	0.0775	0.0927	0.0365	0.0888	0.1055	0.1054	0.0794	0.1055
6.0000	0.0502	0.0468	0.0407	0.0502	0.0533	0.1029	0.0390	0.0472	0.0485	0.0571	0.0476
7.0000	0.0120	0.0280	0.0291	0.0120	0.0098	0.0059	0.0105	0.0169	0.0181	0.0106	0.0172
8.0000	0.0049	0.0138	0.0157	0.0049	0.0019	0.0289	0.0030	0.0049	0.0055	0.0037	0.0051
9.0000	0.0016	0.0015	0.0019	0.0016	0.0000	0.0004	0.0006	0.0012	0.0014	0.0005	0.0012
10.0000	0.0005	0.0003	0.0002	0.0005	-0.0001	0.0060	0.0001	0.0002	0.0003	0.0001	0.0003
11.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0009	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0197	0.0187	0.0167	0.0261	0.1100	0.0209	0.0100	0.0100	0.0000	0.0100
pe		0.1185	0.1618	0.1621	0.2941	0.4400	0.2539	0.3400	0.3400	0.3000	0.3400
Schedule		344.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1473	0.1280	0.1330	0.1473	0.1395	0.1826	0.1348	0.0775	0.1023	0.0753	0.0781
1.0000	0.1222	0.1223	0.1214	0.1222	0.1486	0.1010	0.1461	0.2114	0.2196	0.1947	0.2117
2.0000	0.2995	0.2436	0.2218	0.2995	0.2770	0.3291	0.2914	0.2740	0.2502	0.3177	0.2733
3.0000	0.1942	0.2320	0.2408	0.1942	0.1834	0.1070	0.1845	0.2243	0.1993	0.1845	0.2235
4.0000	0.1446	0.1896	0.1971	0.1446	0.1557	0.1838	0.1473	0.1300	0.1236	0.1519	0.1299
5.0000	0.0513	0.0472	0.0472	0.0513	0.0623	0.0271	0.0598	0.0568	0.0630	0.0517	0.0570
6.0000	0.0289	0.0210	0.0190	0.0289	0.0253	0.0536	0.0255	0.0194	0.0273	0.0190	0.0196
7.0000	0.0087	0.0125	0.0145	0.0087	0.0064	0.0025	0.0077	0.0053	0.0102	0.0040	0.0054
8.0000	0.0027	0.0034	0.0047	0.0027	0.0016	0.0112	0.0022	0.0012	0.0033	0.0009	0.0012
9.0000	0.0000	0.0003	0.0005	0.0000	0.0003	0.0001	0.0005	0.0002	0.0010	0.0001	0.0002
10.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0018	0.0001	0.0000	0.0002	0.0000	0.0000
11.0000	0.0005	0.0000	0.0000	0.0005	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0226	0.0168	0.0056	0.0091	0.0400	0.0147	0.0900	0.0600	0.0900	0.1000
pe		0.1832	0.2351	0.2361	0.1051	0.2800	0.0691	0.2100	0.2200	0.1500	0.2100

Schedule		345.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3061	0.3039	0.3016	0.3061	0.3084	0.3351	0.3049	0.2028	0.2421	0.2808	0.2786
1.0000	0.1451	0.1448	0.1424	0.1451	0.1601	0.1571	0.1567	0.3369	0.3163	0.1845	0.2963
2.0000	0.3693	0.3313	0.3298	0.3693	0.3296	0.3232	0.3441	0.2657	0.2326	0.3497	0.2069
3.0000	0.0993	0.1370	0.1407	0.0993	0.1204	0.0618	0.1160	0.1324	0.1253	0.1127	0.1174
4.0000	0.0567	0.0642	0.0658	0.0567	0.0609	0.0963	0.0577	0.0467	0.0546	0.0554	0.0582
5.0000	0.0175	0.0115	0.0109	0.0175	0.0152	0.0058	0.0152	0.0124	0.0202	0.0126	0.0260
6.0000	0.0044	0.0047	0.0048	0.0044	0.0044	0.0177	0.0043	0.0026	0.0065	0.0036	0.0106
7.0000	0.0016	0.0021	0.0031	0.0016	0.0008	0.0002	0.0009	0.0004	0.0018	0.0006	0.0040
8.0000	0.0000	0.0005	0.0009	0.0000	0.0002	0.0024	0.0002	0.0001	0.0005	0.0001	0.0014
9.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0004
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0032	0.0065	0.0029	0.0033	0.0400	0.0033	0.1600	0.1000	0.0400	0.0400
pe		0.1310	0.1474	0.1480	0.1200	0.2300	0.0813	0.5100	0.4900	0.1200	0.5100
Schedule		346.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2951	0.2911	0.2894	0.2951	0.2959	0.3097	0.2928	0.2040	0.2300	0.2640	0.2641
1.0000	0.1560	0.1565	0.1532	0.1560	0.1735	0.1935	0.1685	0.3375	0.3239	0.2057	0.3053
2.0000	0.3688	0.3376	0.3368	0.3688	0.3290	0.3113	0.3460	0.2653	0.2427	0.3493	0.2171
3.0000	0.1091	0.1436	0.1482	0.1091	0.1283	0.0755	0.1254	0.1317	0.1273	0.1169	0.1204
4.0000	0.0513	0.0545	0.0561	0.0513	0.0568	0.0859	0.0501	0.0463	0.0521	0.0507	0.0566
5.0000	0.0164	0.0102	0.0097	0.0164	0.0130	0.0070	0.0129	0.0123	0.0175	0.0106	0.0235
6.0000	0.0027	0.0042	0.0041	0.0027	0.0030	0.0146	0.0034	0.0025	0.0050	0.0024	0.0087
7.0000	0.0005	0.0018	0.0020	0.0005	0.0005	0.0002	0.0007	0.0004	0.0012	0.0004	0.0030
8.0000	0.0000	0.0004	0.0005	0.0000	0.0001	0.0019	0.0001	0.0001	0.0003	0.0001	0.0009
9.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0003
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0056	0.0081	0.0051	0.0011	0.0100	0.0033	0.1400	0.1000	0.0500	0.0500
pe		0.1118	0.1261	0.1212	0.1217	0.2700	0.0813	0.4600	0.4600	0.1100	0.4700
Schedule		347.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3186	0.3060	0.2959	0.3186	0.2942	0.3082	0.2935	0.1850	0.2580	0.2749	0.2720
1.0000	0.1669	0.1766	0.1685	0.1669	0.2027	0.1622	0.2052	0.3257	0.2920	0.2113	0.2850
2.0000	0.2657	0.2032	0.2023	0.2657	0.2633	0.3256	0.2605	0.2724	0.2131	0.2784	0.2039
3.0000	0.1315	0.1711	0.1804	0.1315	0.1294	0.0716	0.1281	0.1439	0.1251	0.1333	0.1214
4.0000	0.0786	0.1096	0.1139	0.0786	0.0734	0.1021	0.0739	0.0538	0.0637	0.0714	0.0641
5.0000	0.0251	0.0218	0.0210	0.0251	0.0251	0.0076	0.0258	0.0152	0.0290	0.0219	0.0309
6.0000	0.0109	0.0069	0.0085	0.0109	0.0090	0.0194	0.0096	0.0033	0.0121	0.0069	0.0137
7.0000	0.0016	0.0035	0.0068	0.0016	0.0022	0.0003	0.0026	0.0006	0.0046	0.0015	0.0057
8.0000	0.0011	0.0010	0.0023	0.0011	0.0006	0.0028	0.0007	0.0001	0.0016	0.0003	0.0022
9.0000	0.0000	0.0002	0.0003	0.0000	0.0001	0.0000	0.0001	0.0000	0.0005	0.0001	0.0008
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0002	0.0000	0.0003
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0185	0.0333	0.0216	0.0358	0.0200	0.0368	0.2000	0.0900	0.0700	0.0700
pe		0.2235	0.2384	0.2393	0.0713	0.2600	0.0809	0.3200	0.2900	0.1000	0.3200
Schedule		348.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3208	0.3156	0.3125	0.3208	0.2968	0.3165	0.2977	0.1860	0.2583	0.2770	0.2750
1.0000	0.1648	0.1798	0.1751	0.1648	0.1990	0.1545	0.2005	0.3264	0.2927	0.2080	0.2843
2.0000	0.2602	0.2161	0.2132	0.2602	0.2674	0.3262	0.2598	0.2720	0.2134	0.2835	0.2024
3.0000	0.1391	0.1563	0.1626	0.1391	0.1262	0.0677	0.1282	0.1432	0.1249	0.1294	0.1205
4.0000	0.0818	0.1011	0.1048	0.0818	0.0740	0.1039	0.0766	0.0534	0.0633	0.0717	0.0638
5.0000	0.0213	0.0219	0.0202	0.0213	0.0245	0.0073	0.0253	0.0150	0.0287	0.0213	0.0309
6.0000	0.0082	0.0067	0.0058	0.0082	0.0092	0.0203	0.0092	0.0033	0.0119	0.0071	0.0138
7.0000	0.0033	0.0020	0.0041	0.0033	0.0022	0.0003	0.0022	0.0006	0.0045	0.0015	0.0058
8.0000	0.0000	0.0003	0.0015	0.0000	0.0006	0.0030	0.0006	0.0001	0.0016	0.0003	0.0022
9.0000	0.0005	0.0001	0.0002	0.0005	0.0001	0.0000	0.0001	0.0000	0.0005	0.0001	0.0008
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0002	0.0000	0.0003
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0076	0.0122	0.0063	0.0353	0.0100	0.0340	0.2000	0.0900	0.0600	0.0700
pe		0.1469	0.1620	0.1626	0.1007	0.2900	0.0873	0.3200	0.3200	0.1300	0.3400
Schedule		349.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3546	0.3450	0.3413	0.3546	0.3350	0.3470	0.3355	0.2183	0.2938	0.3239	0.3206
1.0000	0.1648	0.1816	0.1769	0.1648	0.1965	0.1682	0.1982	0.3452	0.3005	0.1977	0.2844
2.0000	0.2777	0.2155	0.2149	0.2777	0.2682	0.3140	0.2613	0.2593	0.2028	0.2794	0.1866
3.0000	0.1080	0.1460	0.1510	0.1080	0.1115	0.0600	0.1133	0.1230	0.1116	0.1161	0.1063
4.0000	0.0660	0.0898	0.0915	0.0660	0.0626	0.0875	0.0646	0.0413	0.0537	0.0610	0.0552
5.0000	0.0180	0.0157	0.0150	0.0180	0.0181	0.0052	0.0187	0.0105	0.0233	0.0158	0.0266
6.0000	0.0093	0.0047	0.0049	0.0093	0.0063	0.0155	0.0065	0.0021	0.0093	0.0048	0.0120
7.0000	0.0016	0.0014	0.0033	0.0016	0.0014	0.0002	0.0014	0.0003	0.0034	0.0009	0.0051
8.0000	0.0000	0.0003	0.0011	0.0000	0.0003	0.0021	0.0003	0.0000	0.0011	0.0002	0.0020
9.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0000	0.0001	0.0000	0.0004	0.0000	0.0008
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0001	0.0000	0.0003
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0149	0.0206	0.0143	0.0304	0.0000	0.0296	0.2000	0.0900	0.0400	0.0400
pe		0.2297	0.2382	0.2398	0.0803	0.2000	0.0939	0.3800	0.3500	0.0900	0.3700
Schedule		350.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4348	0.4234	0.4190	0.4348	0.4144	0.4163	0.4145	0.3151	0.4018	0.4080	0.4108
1.0000	0.2297	0.2447	0.2398	0.2297	0.2609	0.2248	0.2605	0.3746	0.2987	0.2607	0.2913
2.0000	0.1915	0.1773	0.1759	0.1915	0.1916	0.2554	0.1894	0.2116	0.1647	0.1988	0.1603
3.0000	0.0884	0.0918	0.0982	0.0884	0.0816	0.0462	0.0824	0.0755	0.0788	0.0840	0.0783
4.0000	0.0398	0.0412	0.0456	0.0398	0.0356	0.0475	0.0365	0.0191	0.0343	0.0348	0.0352
5.0000	0.0109	0.0127	0.0125	0.0109	0.0113	0.0025	0.0118	0.0036	0.0138	0.0101	0.0148
6.0000	0.0038	0.0057	0.0052	0.0038	0.0035	0.0064	0.0037	0.0005	0.0052	0.0028	0.0059
7.0000	0.0011	0.0022	0.0026	0.0011	0.0008	0.0001	0.0009	0.0001	0.0018	0.0006	0.0022

8.0000	0.0000	0.0007	0.0009	0.0000	0.0002	0.0007	0.0002	0.0000	0.0006	0.0001	0.0008
9.0000	0.0000	0.0002	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0003
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0201	0.0280	0.0179	0.0361	0.0200	0.0359	0.2000	0.0500	0.0400	0.0400
pe		0.0702	0.0833	0.0831	0.0770	0.2300	0.0771	0.3700	0.2100	0.0900	0.2100
Schedule		351.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2630	0.2495	0.2465	0.2630	0.2477	0.2829	0.2447	0.1610	0.2108	0.2246	0.2149
1.0000	0.1631	0.1848	0.1809	0.1631	0.1917	0.1523	0.1929	0.3079	0.2912	0.2026	0.2897
2.0000	0.3159	0.2615	0.2591	0.3159	0.3047	0.3316	0.3087	0.2797	0.2349	0.3241	0.2318
3.0000	0.1435	0.1683	0.1718	0.1435	0.1389	0.0793	0.1363	0.1604	0.1427	0.1419	0.1413
4.0000	0.0742	0.1042	0.1062	0.0742	0.0795	0.1156	0.0781	0.0652	0.0716	0.0763	0.0718
5.0000	0.0245	0.0195	0.0192	0.0245	0.0253	0.0099	0.0263	0.0199	0.0310	0.0216	0.0317
6.0000	0.0115	0.0068	0.0080	0.0115	0.0093	0.0237	0.0096	0.0048	0.0119	0.0070	0.0125
7.0000	0.0038	0.0038	0.0058	0.0038	0.0022	0.0005	0.0025	0.0009	0.0041	0.0014	0.0044
8.0000	0.0000	0.0012	0.0020	0.0000	0.0006	0.0037	0.0007	0.0001	0.0013	0.0003	0.0014
9.0000	0.0005	0.0002	0.0003	0.0005	0.0001	0.0000	0.0001	0.0000	0.0004	0.0001	0.0004
10.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0004	0.0000	0.0000	0.0001	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0183	0.0223	0.0182	0.0208	0.0300	0.0248	0.1300	0.0700	0.0500	0.0600
pe		0.1930	0.2007	0.2027	0.0750	0.2300	0.0735	0.3000	0.3000	0.0800	0.3100
Schedule		352.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.0895	0.0710	0.0695	0.0895	0.0971	0.1704	0.0916	0.0664	0.0690	0.0571	0.0664
1.0000	0.0687	0.0994	0.0937	0.0687	0.1201	0.0893	0.1063	0.1928	0.1944	0.1509	0.1929
2.0000	0.4168	0.3809	0.3714	0.4168	0.3204	0.3233	0.3467	0.2661	0.2634	0.3595	0.2660

3.0000	0.1904	0.2189	0.2260	0.1904	0.1894	0.1066	0.2006	0.2319	0.2284	0.1805	0.2318
4.0000	0.1528	0.1495	0.1556	0.1528	0.1850	0.1970	0.1731	0.1431	0.1420	0.1711	0.1431
5.0000	0.0491	0.0422	0.0407	0.0491	0.0599	0.0308	0.0554	0.0665	0.0674	0.0520	0.0665
6.0000	0.0235	0.0216	0.0206	0.0235	0.0233	0.0624	0.0200	0.0242	0.0253	0.0232	0.0242
7.0000	0.0087	0.0117	0.0153	0.0087	0.0041	0.0033	0.0048	0.0070	0.0077	0.0044	0.0070
8.0000	0.0005	0.0043	0.0065	0.0005	0.0007	0.0140	0.0012	0.0017	0.0019	0.0011	0.0017
9.0000	0.0000	0.0004	0.0007	0.0000	0.0000	0.0002	0.0002	0.0003	0.0004	0.0002	0.0003
10.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0024	0.0000	0.0001	0.0001	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0203	0.0219	0.0189	0.0083	0.0900	0.0023	0.0300	0.0200	0.0400	0.0300
pe		0.1258	0.1466	0.1420	0.2161	0.3500	0.1678	0.3800	0.3800	0.2000	0.3800
Schedule		353.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3770	0.3490	0.3409	0.3770	0.3620	0.3403	0.3581	0.2271	0.2988	0.3534	0.3466
1.0000	0.1162	0.1383	0.1326	0.1162	0.1445	0.1915	0.1457	0.3494	0.3047	0.1445	0.2750
2.0000	0.3224	0.2876	0.2792	0.3224	0.3067	0.3049	0.3142	0.2554	0.2026	0.3162	0.1747
3.0000	0.1080	0.1396	0.1515	0.1080	0.1110	0.0647	0.1071	0.1179	0.1090	0.1152	0.1001
4.0000	0.0469	0.0662	0.0745	0.0469	0.0547	0.0785	0.0511	0.0385	0.0510	0.0529	0.0535
5.0000	0.0224	0.0119	0.0125	0.0224	0.0152	0.0053	0.0165	0.0095	0.0214	0.0134	0.0270
6.0000	0.0055	0.0045	0.0047	0.0055	0.0046	0.0129	0.0056	0.0018	0.0082	0.0036	0.0129
7.0000	0.0016	0.0022	0.0031	0.0016	0.0010	0.0002	0.0014	0.0003	0.0029	0.0007	0.0059
8.0000	0.0000	0.0005	0.0010	0.0000	0.0002	0.0016	0.0003	0.0000	0.0009	0.0001	0.0025
9.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0001	0.0000	0.0003	0.0000	0.0010
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0001	0.0000	0.0004
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0450	0.0580	0.0448	0.0241	0.0600	0.0303	0.2500	0.1300	0.0400	0.0500
pe		0.1936	0.2312	0.2365	0.1022	0.3200	0.0793	0.5500	0.5000	0.1000	0.5500

Schedule		354.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2248	0.2259	0.2202	0.2248	0.2303	0.2728	0.2245	0.1420	0.1746	0.1798	0.1772
1.0000	0.1506	0.1407	0.1333	0.1506	0.1678	0.1292	0.1625	0.2911	0.2843	0.2109	0.2836
2.0000	0.3552	0.3131	0.3035	0.3552	0.3095	0.3404	0.3325	0.2836	0.2519	0.3456	0.2496
3.0000	0.1478	0.1780	0.1905	0.1478	0.1550	0.0774	0.1531	0.1745	0.1593	0.1446	0.1581
4.0000	0.0780	0.0970	0.1085	0.0780	0.0940	0.1328	0.0841	0.0760	0.0797	0.0843	0.0798
5.0000	0.0240	0.0219	0.0224	0.0240	0.0301	0.0111	0.0285	0.0249	0.0333	0.0242	0.0338
6.0000	0.0153	0.0118	0.0093	0.0153	0.0104	0.0300	0.0106	0.0064	0.0119	0.0083	0.0124
7.0000	0.0033	0.0084	0.0084	0.0033	0.0023	0.0006	0.0030	0.0013	0.0037	0.0017	0.0040
8.0000	0.0011	0.0026	0.0034	0.0011	0.0005	0.0050	0.0009	0.0002	0.0010	0.0004	0.0011
9.0000	0.0000	0.0004	0.0005	0.0000	0.0001	0.0000	0.0002	0.0000	0.0003	0.0001	0.0003
10.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0006	0.0000	0.0000	0.0001	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0015	0.0059	0.0029	0.0071	0.0700	0.0004	0.1000	0.0600	0.0500	0.0600
pe		0.1468	0.2035	0.2021	0.1275	0.2600	0.0721	0.3200	0.3200	0.1200	0.3300
Schedule		355.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3071	0.3000	0.2981	0.3071	0.3063	0.3447	0.3029	0.1957	0.2394	0.2804	0.2779
1.0000	0.1397	0.1446	0.1415	0.1397	0.1525	0.1319	0.1504	0.3326	0.3109	0.1730	0.2907
2.0000	0.3535	0.3347	0.3322	0.3535	0.3324	0.3330	0.3436	0.2685	0.2314	0.3537	0.2045
3.0000	0.1129	0.1285	0.1331	0.1129	0.1170	0.0543	0.1154	0.1369	0.1278	0.1108	0.1186
4.0000	0.0622	0.0708	0.0736	0.0622	0.0686	0.1063	0.0642	0.0495	0.0576	0.0631	0.0607
5.0000	0.0169	0.0132	0.0125	0.0169	0.0163	0.0054	0.0165	0.0134	0.0222	0.0135	0.0282
6.0000	0.0065	0.0050	0.0048	0.0065	0.0056	0.0208	0.0054	0.0029	0.0075	0.0045	0.0120
7.0000	0.0005	0.0025	0.0031	0.0005	0.0010	0.0002	0.0011	0.0005	0.0023	0.0007	0.0048
8.0000	0.0005	0.0007	0.0010	0.0005	0.0002	0.0030	0.0003	0.0001	0.0006	0.0002	0.0017
9.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0006
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0002
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0102	0.0130	0.0091	0.0012	0.0500	0.0061	0.1700	0.1000	0.0400	0.0500
pe		0.0799	0.0925	0.0869	0.0674	0.2300	0.0395	0.4600	0.4500	0.0600	0.4800
Schedule		356.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4664	0.4663	0.4632	0.4664	0.4563	0.4523	0.4548	0.3589	0.4423	0.4521	0.4554
1.0000	0.2384	0.2408	0.2381	0.2384	0.2556	0.2317	0.2561	0.3774	0.2958	0.2547	0.2841
2.0000	0.1839	0.1653	0.1658	0.1839	0.1799	0.2360	0.1795	0.1884	0.1507	0.1852	0.1450
3.0000	0.0666	0.0798	0.0832	0.0666	0.0688	0.0368	0.0698	0.0594	0.0674	0.0707	0.0673
4.0000	0.0344	0.0347	0.0360	0.0344	0.0283	0.0370	0.0287	0.0133	0.0276	0.0276	0.0291
5.0000	0.0065	0.0081	0.0081	0.0065	0.0081	0.0014	0.0082	0.0022	0.0105	0.0073	0.0119
6.0000	0.0038	0.0030	0.0032	0.0038	0.0024	0.0043	0.0023	0.0003	0.0038	0.0019	0.0046
7.0000	0.0000	0.0014	0.0017	0.0000	0.0005	0.0000	0.0005	0.0000	0.0013	0.0004	0.0017
8.0000	0.0000	0.0005	0.0006	0.0000	0.0001	0.0004	0.0001	0.0000	0.0004	0.0001	0.0006
9.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0001	0.0060	5.3531	0.0189	0.0300	0.0217	0.2100	0.0500	0.0300	0.0300
pe		0.0727	0.0772	0.0747	0.0620	0.1900	0.0652	0.3400	0.1900	0.0600	0.1900
Schedule		357.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3983	0.3823	0.3788	0.3983	0.3851	0.3870	0.3839	0.2677	0.3437	0.3820	0.3748
1.0000	0.1762	0.1829	0.1797	0.1762	0.1955	0.1916	0.1968	0.3647	0.3074	0.1896	0.2850
2.0000	0.2657	0.2406	0.2367	0.2657	0.2660	0.2900	0.2634	0.2360	0.1868	0.2732	0.1699
3.0000	0.0987	0.1240	0.1302	0.0987	0.0945	0.0508	0.0950	0.0964	0.0940	0.0993	0.0903
4.0000	0.0436	0.0560	0.0596	0.0436	0.0431	0.0660	0.0435	0.0279	0.0418	0.0422	0.0445
5.0000	0.0109	0.0091	0.0088	0.0109	0.0116	0.0033	0.0125	0.0061	0.0169	0.0105	0.0206
6.0000	0.0044	0.0033	0.0035	0.0044	0.0034	0.0100	0.0038	0.0010	0.0063	0.0027	0.0090
7.0000	0.0011	0.0015	0.0021	0.0011	0.0007	0.0001	0.0008	0.0001	0.0022	0.0005	0.0037
8.0000	0.0011	0.0004	0.0006	0.0011	0.0001	0.0012	0.0002	0.0000	0.0007	0.0001	0.0014
9.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0005
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0002
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0265	0.0325	0.0261	0.0219	0.0200	0.0239	0.2200	0.0900	0.0300	0.0400
pe		0.1223	0.1407	0.1432	0.0455	0.2000	0.0500	0.4200	0.3700	0.0500	0.3800
Schedule		358.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2853	0.2818	0.2781	0.2853	0.2713	0.2804	0.2707	0.1679	0.2380	0.2470	0.2438
1.0000	0.1817	0.1831	0.1756	0.1817	0.2056	0.1678	0.2080	0.3134	0.2864	0.2183	0.2839
2.0000	0.2750	0.2109	0.2066	0.2750	0.2599	0.3263	0.2566	0.2778	0.2186	0.2778	0.2147
3.0000	0.1309	0.1730	0.1840	0.1309	0.1398	0.0833	0.1385	0.1555	0.1330	0.1436	0.1312
4.0000	0.0780	0.1075	0.1133	0.0780	0.0798	0.1076	0.0807	0.0617	0.0696	0.0774	0.0697
5.0000	0.0295	0.0272	0.0254	0.0295	0.0293	0.0099	0.0304	0.0184	0.0325	0.0255	0.0333
6.0000	0.0158	0.0100	0.0090	0.0158	0.0106	0.0209	0.0112	0.0043	0.0138	0.0081	0.0145
7.0000	0.0027	0.0048	0.0057	0.0027	0.0027	0.0004	0.0030	0.0008	0.0053	0.0018	0.0058
8.0000	0.0005	0.0015	0.0020	0.0005	0.0007	0.0031	0.0007	0.0001	0.0019	0.0004	0.0022
9.0000	0.0005	0.0003	0.0003	0.0005	0.0001	0.0000	0.0001	0.0000	0.0006	0.0001	0.0007
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0002	0.0000	0.0002
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0050	0.0101	0.0027	0.0196	0.0100	0.0204	0.1700	0.0700	0.0600	0.0600
pe		0.2076	0.2496	0.2330	0.0779	0.2400	0.0859	0.2800	0.2400	0.1000	0.2500

Schedule		359.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3208	0.3069	0.2976	0.3208	0.3066	0.3117	0.3024	0.1931	0.2717	0.2922	0.2870
1.0000	0.1822	0.1828	0.1733	0.1822	0.2031	0.1718	0.2028	0.3310	0.2919	0.2057	0.2838
2.0000	0.2728	0.2115	0.2044	0.2728	0.2586	0.3208	0.2698	0.2695	0.2075	0.2716	0.1978
3.0000	0.1091	0.1642	0.1791	0.1091	0.1264	0.0719	0.1220	0.1386	0.1205	0.1322	0.1167
4.0000	0.0731	0.0935	0.1067	0.0731	0.0700	0.0961	0.0637	0.0505	0.0613	0.0687	0.0618
5.0000	0.0251	0.0216	0.0198	0.0251	0.0240	0.0072	0.0252	0.0138	0.0282	0.0212	0.0301
6.0000	0.0131	0.0132	0.0093	0.0131	0.0086	0.0175	0.0100	0.0030	0.0119	0.0066	0.0136
7.0000	0.0033	0.0052	0.0070	0.0033	0.0021	0.0003	0.0030	0.0005	0.0046	0.0014	0.0057
8.0000	0.0005	0.0009	0.0023	0.0005	0.0005	0.0024	0.0008	0.0001	0.0017	0.0003	0.0023
9.0000	0.0000	0.0002	0.0003	0.0000	0.0001	0.0000	0.0002	0.0000	0.0006	0.0000	0.0008
10.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0002	0.0000	0.0003
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0205	0.0341	0.0200	0.0209	0.0100	0.0271	0.1900	0.0700	0.0400	0.0500
pe		0.2113	0.2886	0.2807	0.0919	0.2200	0.0735	0.3400	0.2900	0.0900	0.3100
Schedule		360.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2821	0.2687	0.2678	0.2821	0.2568	0.2627	0.2553	0.1454	0.2266	0.2324	0.2292
1.0000	0.1631	0.1635	0.1599	0.1631	0.1965	0.1484	0.1982	0.2943	0.2712	0.2040	0.2702
2.0000	0.2515	0.1905	0.1753	0.2515	0.2507	0.3336	0.2506	0.2830	0.2142	0.2704	0.2125
3.0000	0.1435	0.1873	0.1961	0.1435	0.1442	0.0866	0.1430	0.1719	0.1381	0.1521	0.1372
4.0000	0.0977	0.1303	0.1415	0.0977	0.0910	0.1244	0.0895	0.0739	0.0781	0.0907	0.0780
5.0000	0.0327	0.0364	0.0362	0.0327	0.0379	0.0121	0.0388	0.0240	0.0399	0.0338	0.0402
6.0000	0.0213	0.0139	0.0108	0.0213	0.0160	0.0267	0.0168	0.0061	0.0187	0.0124	0.0190
7.0000	0.0055	0.0063	0.0073	0.0055	0.0049	0.0006	0.0055	0.0012	0.0081	0.0032	0.0084
8.0000	0.0027	0.0022	0.0038	0.0027	0.0015	0.0043	0.0017	0.0002	0.0033	0.0008	0.0034
9.0000	0.0000	0.0008	0.0010	0.0000	0.0003	0.0000	0.0004	0.0000	0.0012	0.0002	0.0013
10.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0005	0.0001	0.0000	0.0004	0.0000	0.0005
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0187	0.0200	0.0105	0.0352	0.0200	0.0373	0.1900	0.0700	0.0700	0.0700
pe		0.2105	0.2702	0.2393	0.0756	0.2900	0.0791	0.3500	0.2600	0.1200	0.2600
Schedule		361.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.0131	0.0030	0.0442	0.0131	0.0402	0.0883	0.0333	0.0214	0.0233	0.0205	0.0220
1.0000	0.0218	0.0121	0.0240	0.0218	0.0725	0.0425	0.0538	0.0900	0.0932	0.0851	0.0911
2.0000	0.3170	0.1791	0.1136	0.3170	0.1955	0.2475	0.2131	0.1803	0.1808	0.2047	0.1805
3.0000	0.1975	0.2500	0.2856	0.1975	0.1883	0.1076	0.2028	0.2295	0.2258	0.2000	0.2282
4.0000	0.2024	0.2812	0.2969	0.2024	0.2255	0.2523	0.2396	0.2080	0.2037	0.2258	0.2066
5.0000	0.1189	0.1080	0.0994	0.1189	0.1385	0.0671	0.1375	0.1429	0.1411	0.1284	0.1423
6.0000	0.0715	0.0682	0.0385	0.0715	0.0895	0.1252	0.0733	0.0773	0.0780	0.0852	0.0776
7.0000	0.0333	0.0600	0.0533	0.0333	0.0344	0.0160	0.0292	0.0337	0.0353	0.0327	0.0343
8.0000	0.0153	0.0292	0.0358	0.0153	0.0123	0.0399	0.0111	0.0121	0.0133	0.0131	0.0125
9.0000	0.0055	0.0068	0.0073	0.0055	0.0028	0.0017	0.0042	0.0036	0.0042	0.0034	0.0038
10.0000	0.0022	0.0016	0.0010	0.0022	0.0005	0.0096	0.0014	0.0009	0.0011	0.0009	0.0010
11.0000	0.0011	0.0006	0.0004	0.0011	0.0001	0.0001	0.0004	0.0002	0.0003	0.0002	0.0002
12.0000	0.0005	0.0002	0.0001	0.0005	0.0000	0.0018	0.0001	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0102	0.0315	0.0503	0.0275	0.0800	0.0205	0.0100	0.0100	0.0100	0.0100
pe		0.3410	0.4918	0.4679	0.2554	0.3900	0.2131	0.2800	0.2700	0.2300	0.2800
Schedule		362.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.0267	0.0116	0.0309	0.0267	0.0570	0.1317	0.0485	0.0352	0.0374	0.0296	0.0367
1.0000	0.0366	0.0362	0.0484	0.0366	0.0844	0.0472	0.0685	0.1271	0.1299	0.1116	0.1291
2.0000	0.3813	0.3378	0.2794	0.3813	0.2540	0.2944	0.2788	0.2194	0.2184	0.2645	0.2187
3.0000	0.2128	0.2660	0.2681	0.2128	0.1871	0.0888	0.2001	0.2404	0.2363	0.1923	0.2375
4.0000	0.1773	0.1957	0.2209	0.1773	0.2354	0.2443	0.2412	0.1877	0.1846	0.2308	0.1855
5.0000	0.0840	0.0577	0.0589	0.0840	0.1015	0.0411	0.0963	0.1111	0.1107	0.0891	0.1108
6.0000	0.0486	0.0454	0.0349	0.0486	0.0616	0.1057	0.0436	0.0517	0.0530	0.0620	0.0526
7.0000	0.0191	0.0324	0.0364	0.0191	0.0146	0.0073	0.0154	0.0194	0.0207	0.0141	0.0203
8.0000	0.0093	0.0149	0.0193	0.0093	0.0040	0.0309	0.0056	0.0060	0.0067	0.0049	0.0065
9.0000	0.0038	0.0019	0.0026	0.0038	0.0005	0.0006	0.0015	0.0015	0.0018	0.0008	0.0017
10.0000	0.0005	0.0004	0.0003	0.0005	0.0000	0.0068	0.0004	0.0003	0.0004	0.0002	0.0004

11.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0000	0.0001
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0011	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0155	0.0043	0.0099	0.0311	0.1000	0.0224	0.0100	0.0100	0.0000	0.0100
pe		0.1706	0.2880	0.2679	0.3113	0.4400	0.2447	0.3400	0.3200	0.3100	0.3400
Schedule		363.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2188	0.2170	0.2126	0.2188	0.2207	0.2654	0.2161	0.1402	0.1652	0.1640	0.1629
1.0000	0.1440	0.1466	0.1385	0.1440	0.1714	0.1342	0.1650	0.2881	0.2837	0.2219	0.2842
2.0000	0.3650	0.3157	0.3071	0.3650	0.3099	0.3371	0.3313	0.2826	0.2578	0.3492	0.2599
3.0000	0.1478	0.1812	0.1916	0.1478	0.1601	0.0820	0.1594	0.1760	0.1637	0.1475	0.1647
4.0000	0.0797	0.0946	0.1022	0.0797	0.0945	0.1324	0.0858	0.0781	0.0808	0.0833	0.0807
5.0000	0.0295	0.0213	0.0217	0.0295	0.0306	0.0122	0.0288	0.0263	0.0329	0.0241	0.0323
6.0000	0.0120	0.0121	0.0116	0.0120	0.0101	0.0302	0.0100	0.0070	0.0114	0.0080	0.0110
7.0000	0.0022	0.0085	0.0102	0.0022	0.0022	0.0007	0.0027	0.0015	0.0034	0.0017	0.0032
8.0000	0.0011	0.0026	0.0038	0.0011	0.0005	0.0052	0.0007	0.0003	0.0009	0.0004	0.0008
9.0000	0.0000	0.0003	0.0005	0.0000	0.0001	0.0000	0.0002	0.0000	0.0002	0.0001	0.0002
10.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0023	0.0079	0.0012	0.0024	0.0600	0.0035	0.1000	0.0700	0.0700	0.0700
pe		0.1494	0.1909	0.1897	0.1450	0.2600	0.0975	0.3500	0.3500	0.1400	0.3500
Schedule		364.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2886	0.2923	0.2887	0.2886	0.2911	0.3231	0.2872	0.1908	0.2268	0.2578	0.2570
1.0000	0.1478	0.1455	0.1403	0.1478	0.1639	0.1520	0.1609	0.3283	0.3117	0.1935	0.2968

2.0000	0.3644	0.3252	0.3242	0.3644	0.3258	0.3264	0.3413	0.2695	0.2381	0.3497	0.2158
3.0000	0.1140	0.1430	0.1481	0.1140	0.1284	0.0650	0.1235	0.1405	0.1321	0.1195	0.1244
4.0000	0.0595	0.0718	0.0732	0.0595	0.0664	0.1031	0.0624	0.0522	0.0589	0.0597	0.0617
5.0000	0.0175	0.0130	0.0123	0.0175	0.0178	0.0068	0.0176	0.0147	0.0222	0.0145	0.0273
6.0000	0.0055	0.0052	0.0065	0.0055	0.0053	0.0201	0.0054	0.0033	0.0073	0.0043	0.0110
7.0000	0.0027	0.0031	0.0049	0.0027	0.0010	0.0003	0.0012	0.0006	0.0021	0.0008	0.0040
8.0000	0.0000	0.0009	0.0015	0.0000	0.0002	0.0030	0.0003	0.0001	0.0006	0.0002	0.0014
9.0000	0.0000	0.0001	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0004
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0052	0.0002	0.0057	0.0035	0.0500	0.0020	0.1400	0.0900	0.0500	0.0500
pe		0.1252	0.1486	0.1492	0.1102	0.2400	0.0711	0.4500	0.4400	0.1000	0.4600
Schedule		365.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2259	0.2246	0.2202	0.2259	0.2333	0.2725	0.2274	0.1490	0.1758	0.1806	0.1804
1.0000	0.1528	0.1481	0.1413	0.1528	0.1704	0.1422	0.1639	0.2963	0.2901	0.2181	0.2888
2.0000	0.3715	0.3234	0.3190	0.3715	0.3142	0.3343	0.3385	0.2812	0.2552	0.3502	0.2511
3.0000	0.1282	0.1763	0.1847	0.1282	0.1539	0.0813	0.1518	0.1694	0.1577	0.1414	0.1558
4.0000	0.0818	0.0886	0.0945	0.0818	0.0889	0.1251	0.0804	0.0727	0.0763	0.0786	0.0766
5.0000	0.0256	0.0221	0.0206	0.0256	0.0278	0.0114	0.0259	0.0237	0.0305	0.0220	0.0315
6.0000	0.0120	0.0101	0.0094	0.0120	0.0090	0.0274	0.0089	0.0061	0.0104	0.0072	0.0111
7.0000	0.0016	0.0049	0.0071	0.0016	0.0019	0.0006	0.0023	0.0013	0.0031	0.0015	0.0035
8.0000	0.0005	0.0016	0.0026	0.0005	0.0004	0.0045	0.0006	0.0002	0.0008	0.0003	0.0010
9.0000	0.0000	0.0003	0.0004	0.0000	0.0001	0.0000	0.0001	0.0000	0.0002	0.0001	0.0002
10.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0006	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0017	0.0073	7.5446	0.0096	0.0600	0.0019	0.1100	0.0700	0.0600	0.0700
pe		0.1524	0.1925	0.1915	0.1465	0.2200	0.0948	0.3800	0.3900	0.1400	0.3900
Schedule		366.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4108	0.4069	0.4001	0.4108	0.3971	0.3980	0.3956	0.2919	0.3843	0.3894	0.3925
1.0000	0.2390	0.2368	0.2254	0.2390	0.2566	0.2176	0.2569	0.3697	0.2952	0.2568	0.2889
2.0000	0.1920	0.1768	0.1737	0.1920	0.1960	0.2654	0.1953	0.2234	0.1694	0.2039	0.1653
3.0000	0.0900	0.1042	0.1179	0.0900	0.0884	0.0516	0.0891	0.0857	0.0849	0.0915	0.0842
4.0000	0.0464	0.0479	0.0564	0.0464	0.0411	0.0547	0.0418	0.0234	0.0390	0.0405	0.0397
5.0000	0.0131	0.0131	0.0125	0.0131	0.0142	0.0034	0.0146	0.0049	0.0167	0.0128	0.0176
6.0000	0.0076	0.0085	0.0071	0.0076	0.0049	0.0081	0.0050	0.0008	0.0067	0.0039	0.0074
7.0000	0.0011	0.0043	0.0048	0.0011	0.0013	0.0001	0.0013	0.0001	0.0025	0.0009	0.0029
8.0000	0.0000	0.0011	0.0017	0.0000	0.0003	0.0010	0.0003	0.0000	0.0009	0.0002	0.0011
9.0000	0.0000	0.0002	0.0003	0.0000	0.0001	0.0000	0.0001	0.0000	0.0003	0.0000	0.0004
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0067	0.0181	0.0015	0.0233	0.0200	0.0258	0.2000	0.0400	0.0300	0.0300
pe		0.0656	0.1303	0.1279	0.0558	0.2500	0.0533	0.3600	0.1700	0.0700	0.1700
Schedule		367.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1184	0.1002	0.0982	0.1184	0.1207	0.2111	0.1137	0.0849	0.0877	0.0426	0.0856
1.0000	0.0797	0.1055	0.0990	0.0797	0.1261	0.0875	0.1138	0.2216	0.2226	0.1930	0.2219
2.0000	0.4266	0.4019	0.3892	0.4266	0.3532	0.3381	0.3856	0.2760	0.2731	0.4169	0.2753
3.0000	0.1860	0.1894	0.2023	0.1860	0.1714	0.0857	0.1783	0.2182	0.2153	0.1476	0.2175
4.0000	0.1304	0.1355	0.1448	0.1304	0.1701	0.1845	0.1524	0.1229	0.1225	0.1541	0.1228
5.0000	0.0387	0.0385	0.0344	0.0387	0.0418	0.0208	0.0389	0.0525	0.0534	0.0314	0.0527
6.0000	0.0164	0.0205	0.0175	0.0164	0.0142	0.0558	0.0132	0.0176	0.0186	0.0121	0.0179
7.0000	0.0027	0.0063	0.0102	0.0027	0.0021	0.0019	0.0030	0.0048	0.0053	0.0018	0.0049
8.0000	0.0011	0.0018	0.0038	0.0011	0.0003	0.0122	0.0008	0.0011	0.0012	0.0004	0.0011
9.0000	0.0000	0.0004	0.0005	0.0000	0.0000	0.0001	0.0002	0.0002	0.0002	0.0001	0.0002
10.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0020	0.0000	0.0000	0.0000	0.0000	0.0000

11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0206	0.0229	0.0184	0.0026	0.1000	0.0053	0.0400	0.0400	0.0900	0.0400
pe		0.0771	0.1174	0.1117	0.2051	0.3600	0.1236	0.4000	0.3900	0.2300	0.4000
Schedule		368.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1135	0.0814	0.1041	0.1135	0.1237	0.1700	0.1152	0.0705	0.0786	0.0279	0.0709
1.0000	0.0867	0.0878	0.0836	0.0867	0.1281	0.0974	0.1114	0.1987	0.2028	0.2022	0.1989
2.0000	0.3786	0.3388	0.2813	0.3786	0.2928	0.3218	0.3289	0.2673	0.2594	0.3645	0.2669
3.0000	0.1899	0.2318	0.2562	0.1899	0.1851	0.1119	0.1982	0.2283	0.2185	0.1732	0.2279
4.0000	0.1337	0.1542	0.1731	0.1337	0.1662	0.1903	0.1488	0.1390	0.1359	0.1515	0.1388
5.0000	0.0562	0.0469	0.0454	0.0562	0.0664	0.0314	0.0607	0.0641	0.0664	0.0512	0.0642
6.0000	0.0278	0.0274	0.0250	0.0278	0.0286	0.0584	0.0257	0.0233	0.0264	0.0225	0.0234
7.0000	0.0082	0.0219	0.0205	0.0082	0.0071	0.0033	0.0080	0.0068	0.0087	0.0053	0.0069
8.0000	0.0038	0.0083	0.0091	0.0038	0.0017	0.0129	0.0024	0.0016	0.0025	0.0015	0.0017
9.0000	0.0016	0.0012	0.0014	0.0016	0.0002	0.0002	0.0006	0.0003	0.0006	0.0002	0.0003
10.0000	0.0000	0.0002	0.0002	0.0000	0.0000	0.0022	0.0001	0.0001	0.0001	0.0000	0.0001
11.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0362	0.0106	0.0016	0.0115	0.0700	0.0019	0.0400	0.0400	0.0900	0.0400
pe		0.1486	0.2683	0.2650	0.2032	0.3100	0.1208	0.3100	0.3100	0.2000	0.3100

Schedule		369.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3377	0.3285	0.3226	0.3377	0.3199	0.3303	0.3181	0.2023	0.2798	0.3054	0.3034
1.0000	0.1620	0.1774	0.1711	0.1620	0.1947	0.1620	0.1956	0.3353	0.2946	0.1979	0.2817
2.0000	0.2793	0.2090	0.2088	0.2793	0.2662	0.3207	0.2646	0.2652	0.2054	0.2797	0.1908
3.0000	0.1146	0.1555	0.1625	0.1146	0.1170	0.0643	0.1189	0.1332	0.1171	0.1219	0.1116
4.0000	0.0720	0.1000	0.1032	0.0720	0.0691	0.0956	0.0692	0.0477	0.0587	0.0676	0.0594
5.0000	0.0218	0.0193	0.0182	0.0218	0.0220	0.0063	0.0223	0.0129	0.0266	0.0193	0.0294
6.0000	0.0098	0.0068	0.0067	0.0098	0.0084	0.0178	0.0084	0.0028	0.0111	0.0064	0.0137
7.0000	0.0016	0.0027	0.0050	0.0016	0.0020	0.0002	0.0021	0.0005	0.0043	0.0014	0.0060
8.0000	0.0005	0.0006	0.0017	0.0005	0.0006	0.0025	0.0006	0.0001	0.0016	0.0003	0.0025
9.0000	0.0005	0.0001	0.0002	0.0005	0.0001	0.0000	0.0001	0.0000	0.0005	0.0001	0.0010
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0002	0.0000	0.0004
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0139	0.0227	0.0156	0.0269	0.0100	0.0296	0.2100	0.0900	0.0500	0.0600
pe		0.2443	0.2571	0.2585	0.0809	0.2100	0.0880	0.3800	0.3200	0.0800	0.3600
Schedule		370.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1337	0.1186	0.1197	0.1337	0.1130	0.1469	0.1081	0.0519	0.0839	0.0292	0.0533
1.0000	0.0878	0.1053	0.1026	0.0878	0.1308	0.0757	0.1289	0.1643	0.1842	0.1802	0.1655
2.0000	0.2635	0.1608	0.1048	0.2635	0.2395	0.3088	0.2529	0.2483	0.2245	0.2913	0.2472
3.0000	0.1904	0.2198	0.2364	0.1904	0.1856	0.1097	0.1873	0.2383	0.1989	0.1971	0.2361
4.0000	0.1658	0.2319	0.2704	0.1658	0.1689	0.2149	0.1617	0.1630	0.1419	0.1719	0.1619
5.0000	0.0802	0.0867	0.0895	0.0802	0.0885	0.0389	0.0853	0.0845	0.0859	0.0770	0.0847
6.0000	0.0469	0.0386	0.0293	0.0469	0.0476	0.0764	0.0466	0.0345	0.0454	0.0372	0.0352
7.0000	0.0213	0.0230	0.0271	0.0213	0.0175	0.0052	0.0187	0.0113	0.0213	0.0114	0.0119
8.0000	0.0071	0.0111	0.0157	0.0071	0.0064	0.0189	0.0074	0.0031	0.0090	0.0036	0.0033
9.0000	0.0022	0.0033	0.0039	0.0022	0.0017	0.0003	0.0023	0.0007	0.0034	0.0008	0.0008
10.0000	0.0005	0.0007	0.0007	0.0005	0.0005	0.0036	0.0007	0.0001	0.0012	0.0002	0.0002
11.0000	0.0005	0.0001	0.0001	0.0005	0.0001	0.0000	0.0002	0.0000	0.0004	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000	0.0001	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0174	0.0162	0.0160	0.0239	0.0200	0.0296	0.0900	0.0500	0.1200	0.0900
pe		0.2747	0.4244	0.3966	0.1031	0.3300	0.0783	0.2100	0.2100	0.1800	0.2100
Schedule		371.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3055	0.2957	0.2892	0.3055	0.3038	0.2979	0.2995	0.1931	0.2445	0.2792	0.2762
1.0000	0.1429	0.1381	0.1321	0.1429	0.1648	0.1898	0.1588	0.3298	0.3052	0.1832	0.2890
2.0000	0.3502	0.2954	0.2868	0.3502	0.3067	0.3136	0.3273	0.2687	0.2257	0.3244	0.2040
3.0000	0.1173	0.1652	0.1813	0.1173	0.1318	0.0800	0.1270	0.1390	0.1272	0.1296	0.1192
4.0000	0.0464	0.0754	0.0821	0.0464	0.0657	0.0913	0.0586	0.0512	0.0598	0.0615	0.0617
5.0000	0.0267	0.0194	0.0161	0.0267	0.0195	0.0083	0.0199	0.0143	0.0245	0.0165	0.0291
6.0000	0.0082	0.0072	0.0070	0.0082	0.0059	0.0162	0.0065	0.0031	0.0090	0.0045	0.0127
7.0000	0.0016	0.0028	0.0039	0.0016	0.0013	0.0003	0.0018	0.0006	0.0030	0.0009	0.0052
8.0000	0.0005	0.0007	0.0013	0.0005	0.0003	0.0023	0.0004	0.0001	0.0009	0.0002	0.0020
9.0000	0.0005	0.0001	0.0002	0.0005	0.0000	0.0000	0.0001	0.0000	0.0002	0.0000	0.0007
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0001	0.0000	0.0002
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0141	0.0235	0.0143	0.0024	0.0200	0.0086	0.1700	0.0900	0.0400	0.0500
pe		0.2111	0.2723	0.2700	0.1580	0.2900	0.1006	0.4500	0.4300	0.1600	0.4600
Schedule		372.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4670	0.4653	0.4594	0.4670	0.4508	0.4333	0.4494	0.3579	0.4374	0.4441	0.4478
1.0000	0.2319	0.2320	0.2219	0.2319	0.2615	0.2591	0.2619	0.3765	0.2992	0.2645	0.2898
2.0000	0.1866	0.1610	0.1592	0.1866	0.1788	0.2273	0.1793	0.1890	0.1525	0.1841	0.1480
3.0000	0.0747	0.0896	0.1023	0.0747	0.0698	0.0417	0.0699	0.0602	0.0677	0.0707	0.0676
4.0000	0.0273	0.0361	0.0434	0.0273	0.0279	0.0329	0.0279	0.0137	0.0274	0.0269	0.0287
5.0000	0.0098	0.0088	0.0077	0.0098	0.0082	0.0017	0.0084	0.0024	0.0103	0.0073	0.0114
6.0000	0.0027	0.0046	0.0030	0.0027	0.0024	0.0036	0.0024	0.0003	0.0037	0.0019	0.0043

7.0000	0.0000	0.0020	0.0022	0.0000	0.0005	0.0000	0.0006	0.0000	0.0012	0.0004	0.0015
8.0000	0.0000	0.0005	0.0008	0.0000	0.0001	0.0003	0.0001	0.0000	0.0004	0.0001	0.0005
9.0000	0.0000	0.0001	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0031	0.0143	0.0012	0.0304	0.0700	0.0330	0.2100	0.0600	0.0500	0.0400
pe		0.1031	0.1627	0.1533	0.0852	0.2300	0.0846	0.3400	0.2100	0.0800	0.2100
Schedule		373.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4932	0.4826	0.4787	0.4932	0.4725	0.4589	0.4707	0.3790	0.4653	0.4734	0.4740
1.0000	0.2259	0.2373	0.2316	0.2259	0.2610	0.2568	0.2622	0.3759	0.2888	0.2522	0.2807
2.0000	0.1729	0.1521	0.1516	0.1729	0.1668	0.2085	0.1660	0.1780	0.1421	0.1718	0.1386
3.0000	0.0687	0.0813	0.0885	0.0687	0.0647	0.0393	0.0644	0.0535	0.0627	0.0684	0.0627
4.0000	0.0289	0.0329	0.0366	0.0289	0.0251	0.0304	0.0254	0.0115	0.0257	0.0252	0.0267
5.0000	0.0065	0.0084	0.0077	0.0065	0.0074	0.0019	0.0081	0.0019	0.0099	0.0068	0.0108
6.0000	0.0038	0.0034	0.0028	0.0038	0.0021	0.0037	0.0024	0.0002	0.0036	0.0017	0.0042
7.0000	0.0000	0.0014	0.0017	0.0000	0.0005	0.0000	0.0006	0.0000	0.0013	0.0003	0.0015
8.0000	0.0000	0.0004	0.0006	0.0000	0.0001	0.0004	0.0001	0.0000	0.0004	0.0001	0.0005
9.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0209	0.0285	0.0208	0.0408	0.0600	0.0444	0.2200	0.0500	0.0300	0.0300
pe		0.1045	0.1168	0.1154	0.1030	0.2000	0.1079	0.3900	0.2000	0.0600	0.2000

Schedule		374.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1566	0.1397	0.1500	0.1566	0.1422	0.1844	0.1366	0.0753	0.1047	0.0816	0.0757
1.0000	0.1080	0.1117	0.1131	0.1080	0.1445	0.0937	0.1441	0.2067	0.2168	0.1834	0.2069
2.0000	0.3011	0.1864	0.1699	0.3011	0.2713	0.3284	0.2863	0.2707	0.2437	0.3111	0.2703
3.0000	0.1779	0.2345	0.2396	0.1779	0.1782	0.1020	0.1787	0.2251	0.1954	0.1825	0.2246
4.0000	0.1511	0.2304	0.2301	0.1511	0.1587	0.1887	0.1461	0.1334	0.1243	0.1575	0.1333
5.0000	0.0595	0.0558	0.0557	0.0595	0.0648	0.0272	0.0640	0.0599	0.0661	0.0547	0.0600
6.0000	0.0322	0.0203	0.0184	0.0322	0.0296	0.0577	0.0312	0.0212	0.0304	0.0226	0.0213
7.0000	0.0098	0.0152	0.0161	0.0098	0.0079	0.0027	0.0092	0.0060	0.0123	0.0050	0.0061
8.0000	0.0022	0.0053	0.0062	0.0022	0.0023	0.0127	0.0029	0.0014	0.0044	0.0013	0.0014
9.0000	0.0016	0.0006	0.0008	0.0016	0.0004	0.0001	0.0006	0.0003	0.0014	0.0002	0.0003
10.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0021	0.0001	0.0000	0.0004	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0201	0.0079	0.0018	0.0171	0.0300	0.0237	0.1000	0.0700	0.0900	0.1000
pe		0.3313	0.3627	0.3551	0.1013	0.2700	0.0766	0.2500	0.2700	0.1400	0.2500
Schedule		375.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.5074	0.4905	0.4873	0.5074	0.4943	0.4832	0.4941	0.4048	0.4908	0.4987	0.5007
1.0000	0.2455	0.2591	0.2559	0.2455	0.2620	0.2567	0.2623	0.3737	0.2826	0.2482	0.2730
2.0000	0.1528	0.1481	0.1495	0.1528	0.1554	0.1929	0.1511	0.1647	0.1332	0.1606	0.1295
3.0000	0.0573	0.0652	0.0683	0.0573	0.0584	0.0353	0.0602	0.0461	0.0571	0.0629	0.0573
4.0000	0.0262	0.0246	0.0255	0.0262	0.0217	0.0266	0.0234	0.0092	0.0229	0.0221	0.0241
5.0000	0.0071	0.0078	0.0080	0.0071	0.0061	0.0016	0.0067	0.0014	0.0087	0.0058	0.0097
6.0000	0.0038	0.0033	0.0037	0.0038	0.0016	0.0032	0.0018	0.0002	0.0031	0.0014	0.0037
7.0000	0.0000	0.0010	0.0014	0.0000	0.0003	0.0000	0.0004	0.0000	0.0011	0.0003	0.0014
8.0000	0.0000	0.0002	0.0004	0.0000	0.0001	0.0004	0.0001	0.0000	0.0003	0.0000	0.0005
9.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0342	0.0408	0.0328	0.0266	0.0500	0.0270	0.2100	0.0400	0.0200	0.0200
pe		0.0617	0.0573	0.0597	0.0575	0.1600	0.0550	0.3700	0.1200	0.0400	0.1200
Schedule		376.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.0131	0.0029	0.0180	0.0131	0.0366	0.1059	0.0314	0.0244	0.0263	0.0176	0.0250
1.0000	0.0185	0.0128	0.0226	0.0185	0.0726	0.0382	0.0560	0.0987	0.1019	0.0901	0.0997
2.0000	0.3230	0.2272	0.1890	0.3230	0.2133	0.2675	0.2278	0.1906	0.1906	0.2241	0.1906
3.0000	0.2177	0.2760	0.2832	0.2177	0.1935	0.0899	0.2072	0.2336	0.2297	0.2018	0.2323
4.0000	0.2111	0.2498	0.2775	0.2111	0.2377	0.2564	0.2488	0.2040	0.1999	0.2320	0.2026
5.0000	0.1058	0.0814	0.0840	0.1058	0.1308	0.0520	0.1298	0.1350	0.1336	0.1172	0.1345
6.0000	0.0731	0.0602	0.0367	0.0731	0.0812	0.1254	0.0673	0.0703	0.0712	0.0783	0.0706
7.0000	0.0229	0.0545	0.0504	0.0229	0.0257	0.0115	0.0221	0.0295	0.0310	0.0260	0.0300
8.0000	0.0093	0.0282	0.0318	0.0093	0.0077	0.0403	0.0070	0.0102	0.0112	0.0102	0.0105
9.0000	0.0033	0.0052	0.0056	0.0033	0.0011	0.0011	0.0019	0.0029	0.0034	0.0022	0.0031
10.0000	0.0016	0.0012	0.0008	0.0016	0.0000	0.0097	0.0005	0.0007	0.0009	0.0005	0.0008
11.0000	0.0005	0.0004	0.0003	0.0005	0.0000	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002
12.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0018	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0104	0.0050	0.0091	0.0238	0.1000	0.0185	0.0100	0.0200	0.0100	0.0100
pe		0.2927	0.3868	0.3356	0.2598	0.4100	0.2196	0.2800	0.2700	0.2300	0.2800
Schedule		377.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1953	0.1771	0.1697	0.1953	0.1808	0.2105	0.1773	0.1059	0.1527	0.1316	0.1233
1.0000	0.1566	0.1424	0.1292	0.1566	0.1815	0.1315	0.1834	0.2504	0.2511	0.2117	0.2520
2.0000	0.2886	0.2053	0.1864	0.2886	0.2736	0.3306	0.2808	0.2824	0.2388	0.3069	0.2645
3.0000	0.1729	0.2257	0.2472	0.1729	0.1747	0.1061	0.1712	0.2023	0.1700	0.1798	0.1890
4.0000	0.1053	0.1582	0.1821	0.1053	0.1121	0.1522	0.1072	0.1032	0.0998	0.1081	0.1027
5.0000	0.0453	0.0469	0.0440	0.0453	0.0484	0.0210	0.0483	0.0399	0.0506	0.0413	0.0450
6.0000	0.0213	0.0269	0.0170	0.0213	0.0201	0.0381	0.0213	0.0122	0.0227	0.0152	0.0165

7.0000	0.0120	0.0134	0.0162	0.0120	0.0063	0.0016	0.0074	0.0030	0.0092	0.0041	0.0052
8.0000	0.0022	0.0030	0.0068	0.0022	0.0019	0.0072	0.0024	0.0006	0.0034	0.0010	0.0014
9.0000	0.0005	0.0008	0.0011	0.0005	0.0004	0.0001	0.0006	0.0001	0.0011	0.0002	0.0003
10.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0010	0.0001	0.0000	0.0003	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0226	0.0318	0.0184	0.0180	0.0100	0.0224	0.1200	0.0600	0.0900	0.1000
pe		0.2649	0.3678	0.3426	0.0733	0.3000	0.0574	0.2000	0.2000	0.1200	0.1900
Schedule		378.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1015	0.0925	0.0901	0.1015	0.1078	0.1797	0.0998	0.0681	0.0708	0.0172	0.0685
1.0000	0.0840	0.1000	0.0936	0.0840	0.1229	0.0838	0.1106	0.1946	0.1961	0.1950	0.1949
2.0000	0.3808	0.3430	0.3302	0.3808	0.3067	0.3254	0.3385	0.2654	0.2628	0.3744	0.2650
3.0000	0.1953	0.2220	0.2317	0.1953	0.1874	0.0981	0.1982	0.2299	0.2264	0.1728	0.2293
4.0000	0.1380	0.1613	0.1697	0.1380	0.1804	0.1981	0.1610	0.1418	0.1407	0.1669	0.1417
5.0000	0.0676	0.0453	0.0434	0.0676	0.0634	0.0286	0.0594	0.0663	0.0671	0.0489	0.0664
6.0000	0.0251	0.0202	0.0198	0.0251	0.0249	0.0647	0.0243	0.0244	0.0255	0.0197	0.0246
7.0000	0.0049	0.0111	0.0149	0.0049	0.0052	0.0032	0.0063	0.0072	0.0079	0.0039	0.0073
8.0000	0.0022	0.0040	0.0057	0.0022	0.0011	0.0151	0.0017	0.0018	0.0020	0.0009	0.0018
9.0000	0.0005	0.0005	0.0007	0.0005	0.0001	0.0002	0.0003	0.0004	0.0004	0.0001	0.0004
10.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0027	0.0001	0.0001	0.0001	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0100	0.0127	0.0092	0.0070	0.0900	0.0019	0.0400	0.0300	0.0900	0.0400
pe		0.1547	0.1909	0.1861	0.1886	0.3400	0.1180	0.3000	0.2900	0.2200	0.3000

Schedule		379.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2390	0.2276	0.2253	0.2390	0.2209	0.2450	0.2182	0.1456	0.1852	0.1871	0.1768
1.0000	0.1653	0.1681	0.1619	0.1653	0.1937	0.1703	0.1954	0.2932	0.2841	0.2170	0.2864
2.0000	0.3093	0.2603	0.2515	0.3093	0.3004	0.3242	0.3046	0.2818	0.2446	0.3239	0.2517
3.0000	0.1478	0.1919	0.2012	0.1478	0.1544	0.0998	0.1524	0.1720	0.1542	0.1547	0.1577
4.0000	0.0949	0.1106	0.1206	0.0949	0.0875	0.1171	0.0843	0.0748	0.0787	0.0828	0.0783
5.0000	0.0289	0.0231	0.0233	0.0289	0.0295	0.0144	0.0299	0.0246	0.0341	0.0248	0.0325
6.0000	0.0104	0.0099	0.0075	0.0104	0.0102	0.0241	0.0110	0.0064	0.0130	0.0077	0.0116
7.0000	0.0044	0.0065	0.0062	0.0044	0.0025	0.0008	0.0031	0.0013	0.0044	0.0016	0.0036
8.0000	0.0000	0.0017	0.0023	0.0000	0.0006	0.0039	0.0008	0.0002	0.0013	0.0003	0.0010
9.0000	0.0000	0.0002	0.0003	0.0000	0.0001	0.0000	0.0002	0.0000	0.0004	0.0001	0.0003
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000	0.0001	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0149	0.0180	0.0154	0.0238	0.0100	0.0273	0.1200	0.0700	0.0700	0.0800
pe		0.1601	0.2012	0.1712	0.0719	0.1700	0.0708	0.2800	0.2900	0.1300	0.2800
Schedule		380.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2782	0.2778	0.2696	0.2782	0.2618	0.2823	0.2597	0.1616	0.2266	0.2317	0.2305
1.0000	0.1768	0.1745	0.1649	0.1768	0.2025	0.1545	0.2041	0.3070	0.2848	0.2214	0.2832
2.0000	0.2695	0.2078	0.2054	0.2695	0.2640	0.3283	0.2644	0.2785	0.2226	0.2851	0.2198
3.0000	0.1391	0.1810	0.1913	0.1391	0.1414	0.0806	0.1414	0.1604	0.1371	0.1435	0.1358
4.0000	0.0878	0.1157	0.1204	0.0878	0.0833	0.1149	0.0827	0.0658	0.0722	0.0800	0.0722
5.0000	0.0316	0.0249	0.0244	0.0316	0.0309	0.0105	0.0311	0.0205	0.0338	0.0266	0.0343
6.0000	0.0125	0.0098	0.0109	0.0125	0.0118	0.0241	0.0119	0.0050	0.0144	0.0091	0.0149
7.0000	0.0033	0.0061	0.0093	0.0033	0.0032	0.0005	0.0034	0.0010	0.0056	0.0021	0.0059
8.0000	0.0011	0.0019	0.0033	0.0011	0.0009	0.0039	0.0010	0.0002	0.0020	0.0005	0.0022
9.0000	0.0000	0.0003	0.0004	0.0000	0.0002	0.0000	0.0002	0.0000	0.0007	0.0001	0.0008
10.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0005	0.0001	0.0000	0.0002	0.0000	0.0002
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0006	0.0119	0.0015	0.0227	0.0000	0.0256	0.1600	0.0700	0.0700	0.0700
pe		0.2038	0.2466	0.2385	0.0553	0.2900	0.0574	0.2800	0.2500	0.1100	0.2500
Schedule		381.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4965	0.4808	0.4769	0.4965	0.4835	0.4722	0.4838	0.3830	0.4817	0.4907	0.4933
1.0000	0.2466	0.2500	0.2465	0.2466	0.2572	0.2493	0.2572	0.3757	0.2764	0.2377	0.2660
2.0000	0.1462	0.1498	0.1507	0.1462	0.1584	0.1994	0.1528	0.1759	0.1357	0.1642	0.1311
3.0000	0.0633	0.0750	0.0793	0.0633	0.0638	0.0400	0.0658	0.0523	0.0618	0.0700	0.0616
4.0000	0.0355	0.0280	0.0297	0.0355	0.0258	0.0315	0.0279	0.0111	0.0266	0.0269	0.0278
5.0000	0.0065	0.0084	0.0082	0.0065	0.0081	0.0024	0.0091	0.0018	0.0109	0.0078	0.0121
6.0000	0.0027	0.0050	0.0051	0.0027	0.0024	0.0044	0.0027	0.0002	0.0043	0.0020	0.0050
7.0000	0.0027	0.0023	0.0026	0.0027	0.0006	0.0001	0.0006	0.0000	0.0016	0.0004	0.0020
8.0000	0.0000	0.0006	0.0007	0.0000	0.0001	0.0006	0.0001	0.0000	0.0006	0.0001	0.0008
9.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0003
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0312	0.0389	0.0288	0.0258	0.0600	0.0252	0.2300	0.0400	0.0200	0.0100
pe		0.0628	0.0627	0.0554	0.0737	0.1800	0.0638	0.4000	0.1000	0.1000	0.1000

Schedule		382.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2297	0.2159	0.2122	0.2297	0.2133	0.2519	0.2117	0.1401	0.1783	0.1777	0.1685
1.0000	0.1631	0.1704	0.1631	0.1631	0.1937	0.1511	0.1959	0.2881	0.2805	0.2178	0.2829
2.0000	0.3121	0.2530	0.2495	0.3121	0.2970	0.3306	0.2979	0.2826	0.2464	0.3223	0.2548
3.0000	0.1577	0.1992	0.2073	0.1577	0.1597	0.0923	0.1573	0.1760	0.1577	0.1600	0.1621
4.0000	0.0917	0.1201	0.1244	0.0917	0.0911	0.1264	0.0899	0.0781	0.0814	0.0859	0.0811
5.0000	0.0284	0.0238	0.0240	0.0284	0.0313	0.0139	0.0321	0.0263	0.0356	0.0262	0.0336
6.0000	0.0125	0.0096	0.0097	0.0125	0.0107	0.0277	0.0115	0.0070	0.0136	0.0080	0.0120
7.0000	0.0033	0.0062	0.0073	0.0033	0.0025	0.0008	0.0029	0.0015	0.0046	0.0016	0.0037
8.0000	0.0016	0.0017	0.0022	0.0016	0.0006	0.0047	0.0007	0.0003	0.0014	0.0003	0.0010
9.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0000	0.0001	0.0000	0.0004	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0006	0.0000	0.0000	0.0001	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0179	0.0227	0.0177	0.0213	0.0300	0.0234	0.1200	0.0700	0.0700	0.0800
pe		0.1908	0.2037	0.2049	0.0713	0.2200	0.0718	0.2600	0.2700	0.1000	0.2600
Schedule		383.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2842	0.2751	0.2625	0.2842	0.2634	0.2757	0.2626	0.1622	0.2302	0.2339	0.2318
1.0000	0.1735	0.1784	0.1640	0.1735	0.2045	0.1626	0.2064	0.3076	0.2839	0.2225	0.2833
2.0000	0.2646	0.1851	0.1808	0.2646	0.2604	0.3270	0.2580	0.2783	0.2204	0.2802	0.2193
3.0000	0.1435	0.1874	0.2070	0.1435	0.1421	0.0845	0.1411	0.1599	0.1358	0.1453	0.1353
4.0000	0.0824	0.1215	0.1324	0.0824	0.0820	0.1122	0.0831	0.0655	0.0720	0.0792	0.0720
5.0000	0.0338	0.0306	0.0286	0.0338	0.0314	0.0108	0.0319	0.0203	0.0340	0.0271	0.0343
6.0000	0.0131	0.0139	0.0119	0.0131	0.0118	0.0227	0.0121	0.0050	0.0147	0.0090	0.0149
7.0000	0.0038	0.0059	0.0089	0.0038	0.0033	0.0005	0.0036	0.0010	0.0058	0.0022	0.0059
8.0000	0.0011	0.0016	0.0033	0.0011	0.0009	0.0035	0.0010	0.0002	0.0021	0.0005	0.0022
9.0000	0.0000	0.0004	0.0006	0.0000	0.0002	0.0000	0.0002	0.0000	0.0007	0.0001	0.0008
10.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0004	0.0000	0.0000	0.0002	0.0000	0.0002
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0128	0.0304	0.0139	0.0291	0.0100	0.0302	0.1600	0.0700	0.0600	0.0700
pe		0.2439	0.3091	0.2938	0.0581	0.2800	0.0643	0.2900	0.2400	0.1100	0.2500
Schedule		384.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2902	0.2737	0.2692	0.2902	0.2695	0.2749	0.2699	0.1571	0.2379	0.2475	0.2433
1.0000	0.1675	0.1714	0.1642	0.1675	0.1980	0.1544	0.1997	0.3033	0.2764	0.2039	0.2742
2.0000	0.2624	0.1930	0.1806	0.2624	0.2519	0.3298	0.2472	0.2796	0.2124	0.2700	0.2088
3.0000	0.1315	0.1857	0.1978	0.1315	0.1398	0.0832	0.1392	0.1636	0.1335	0.1475	0.1317
4.0000	0.0906	0.1246	0.1333	0.0906	0.0862	0.1171	0.0866	0.0682	0.0738	0.0857	0.0736
5.0000	0.0333	0.0299	0.0304	0.0333	0.0346	0.0110	0.0362	0.0216	0.0370	0.0308	0.0376
6.0000	0.0164	0.0120	0.0113	0.0164	0.0142	0.0245	0.0149	0.0054	0.0171	0.0110	0.0178
7.0000	0.0055	0.0068	0.0087	0.0055	0.0042	0.0006	0.0046	0.0011	0.0073	0.0028	0.0078
8.0000	0.0016	0.0022	0.0036	0.0016	0.0012	0.0039	0.0014	0.0002	0.0029	0.0007	0.0032
9.0000	0.0005	0.0005	0.0007	0.0005	0.0003	0.0000	0.0003	0.0000	0.0011	0.0001	0.0013
10.0000	0.0005	0.0001	0.0001	0.0005	0.0001	0.0005	0.0001	0.0000	0.0004	0.0000	0.0005
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0232	0.0296	0.0170	0.0292	0.0200	0.0286	0.1900	0.0700	0.0600	0.0700
pe		0.2417	0.2930	0.2827	0.0838	0.2700	0.0919	0.3400	0.2500	0.1100	0.2700
Schedule		385.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1211	0.1086	0.1059	0.1211	0.1266	0.2126	0.1177	0.0843	0.0870	0.0530	0.0853
1.0000	0.0840	0.1124	0.1040	0.0840	0.1257	0.0847	0.1143	0.2207	0.2217	0.1869	0.2210
2.0000	0.4168	0.3950	0.3783	0.4168	0.3444	0.3388	0.3809	0.2757	0.2728	0.4031	0.2746
3.0000	0.1888	0.1848	0.1993	0.1888	0.1692	0.0835	0.1748	0.2187	0.2158	0.1497	0.2177
4.0000	0.1244	0.1361	0.1492	0.1244	0.1714	0.1862	0.1487	0.1236	0.1231	0.1580	0.1235
5.0000	0.0404	0.0375	0.0332	0.0404	0.0439	0.0204	0.0429	0.0530	0.0539	0.0335	0.0533
6.0000	0.0180	0.0187	0.0160	0.0180	0.0158	0.0569	0.0159	0.0179	0.0188	0.0131	0.0182

7.0000	0.0044	0.0055	0.0100	0.0044	0.0026	0.0019	0.0036	0.0049	0.0053	0.0021	0.0050
8.0000	0.0022	0.0013	0.0036	0.0022	0.0005	0.0125	0.0009	0.0011	0.0013	0.0005	0.0011
9.0000	0.0000	0.0002	0.0004	0.0000	0.0000	0.0001	0.0002	0.0002	0.0003	0.0001	0.0002
10.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0021	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0142	0.0173	0.0120	0.0063	0.1100	0.0039	0.0400	0.0400	0.0800	0.0400
pe		0.0814	0.1256	0.1283	0.2161	0.3600	0.1267	0.3600	0.3600	0.2400	0.3600
Schedule		386.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.0251	0.0076	0.0150	0.0251	0.0501	0.1323	0.0438	0.0353	0.0375	0.0250	0.0365
1.0000	0.0311	0.0198	0.0444	0.0311	0.0832	0.0469	0.0669	0.1274	0.1301	0.1126	0.1289
2.0000	0.3775	0.3707	0.3042	0.3775	0.2584	0.2950	0.2789	0.2196	0.2186	0.2675	0.2191
3.0000	0.2171	0.2565	0.2663	0.2171	0.1923	0.0881	0.2054	0.2405	0.2363	0.1958	0.2381
4.0000	0.1893	0.1834	0.2114	0.1893	0.2401	0.2446	0.2476	0.1876	0.1844	0.2320	0.1858
5.0000	0.0906	0.0574	0.0583	0.0906	0.1017	0.0407	0.0973	0.1109	0.1105	0.0879	0.1107
6.0000	0.0431	0.0524	0.0387	0.0431	0.0582	0.1058	0.0423	0.0516	0.0528	0.0602	0.0523
7.0000	0.0169	0.0349	0.0387	0.0169	0.0129	0.0072	0.0125	0.0194	0.0206	0.0135	0.0201
8.0000	0.0060	0.0147	0.0197	0.0060	0.0029	0.0309	0.0039	0.0060	0.0067	0.0045	0.0064
9.0000	0.0022	0.0020	0.0028	0.0022	0.0002	0.0006	0.0010	0.0015	0.0018	0.0007	0.0017
10.0000	0.0011	0.0004	0.0003	0.0011	-0.0001	0.0068	0.0003	0.0003	0.0004	0.0002	0.0004
11.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0000	0.0001
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0011	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0179	0.0104	0.0047	0.0256	0.1100	0.0192	0.0100	0.0100	0.0100	0.0100
pe		0.1372	0.2376	0.2394	0.2906	0.4500	0.2262	0.3200	0.3200	0.2900	0.3200

Schedule		387.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1402	0.0990	0.1183	0.1402	0.1152	0.1346	0.1099	0.0520	0.0869	0.0349	0.0521
1.0000	0.0873	0.0954	0.1062	0.0873	0.1329	0.0875	0.1305	0.1645	0.1855	0.1791	0.1646
2.0000	0.2580	0.1660	0.0980	0.2580	0.2347	0.3010	0.2500	0.2485	0.2226	0.2821	0.2484
3.0000	0.1860	0.2373	0.2417	0.1860	0.1859	0.1265	0.1879	0.2383	0.1961	0.1995	0.2382
4.0000	0.1658	0.2299	0.2703	0.1658	0.1666	0.2080	0.1584	0.1629	0.1402	0.1715	0.1628
5.0000	0.0813	0.0911	0.0938	0.0813	0.0903	0.0448	0.0863	0.0843	0.0856	0.0797	0.0844
6.0000	0.0491	0.0439	0.0298	0.0491	0.0478	0.0708	0.0466	0.0344	0.0459	0.0372	0.0344
7.0000	0.0218	0.0232	0.0238	0.0218	0.0180	0.0060	0.0195	0.0113	0.0220	0.0116	0.0113
8.0000	0.0071	0.0099	0.0135	0.0071	0.0064	0.0168	0.0076	0.0030	0.0095	0.0035	0.0031
9.0000	0.0016	0.0032	0.0037	0.0016	0.0017	0.0004	0.0024	0.0007	0.0037	0.0008	0.0007
10.0000	0.0011	0.0008	0.0007	0.0011	0.0004	0.0031	0.0007	0.0001	0.0013	0.0002	0.0001
11.0000	0.0005	0.0002	0.0001	0.0005	0.0001	0.0000	0.0002	0.0000	0.0004	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	0.0001	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0479	0.0255	0.0107	0.0291	0.0100	0.0352	0.1000	0.0600	0.1200	0.1000
pe		0.2757		0.4103	0.0998	0.2700	0.0841	0.2100	0.2100	0.1900	0.2100
Schedule		388.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1042	0.0968	0.0928	0.1042	0.1113	0.1817	0.1015	0.0699	0.0725	0.0225	0.0703
1.0000	0.0775	0.1035	0.0918	0.0775	0.1236	0.0858	0.1101	0.1977	0.1991	0.1949	0.1979
2.0000	0.3977	0.3397	0.3143	0.3977	0.3094	0.3262	0.3473	0.2668	0.2642	0.3747	0.2664
3.0000	0.1904	0.2103	0.2343	0.1904	0.1851	0.0984	0.1940	0.2287	0.2254	0.1708	0.2282
4.0000	0.1386	0.1595	0.1754	0.1386	0.1784	0.1959	0.1602	0.1397	0.1387	0.1657	0.1395
5.0000	0.0584	0.0546	0.0433	0.0584	0.0617	0.0281	0.0555	0.0647	0.0655	0.0477	0.0648
6.0000	0.0224	0.0254	0.0220	0.0224	0.0239	0.0631	0.0220	0.0236	0.0246	0.0188	0.0237
7.0000	0.0071	0.0072	0.0182	0.0071	0.0052	0.0031	0.0067	0.0069	0.0076	0.0038	0.0070
8.0000	0.0022	0.0021	0.0068	0.0022	0.0011	0.0146	0.0021	0.0017	0.0019	0.0009	0.0017
9.0000	0.0016	0.0007	0.0010	0.0016	0.0002	0.0002	0.0005	0.0003	0.0004	0.0001	0.0003
10.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0026	0.0001	0.0001	0.0001	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0083	0.0128	0.0043	0.0079	0.0900	0.0030	0.0300	0.0300	0.0900	0.0300
pe		0.1482	0.2348	0.2387	0.2106	0.3600	0.1264	0.3300	0.3300	0.2300	0.3300
Schedule		389.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1435	0.1284	0.1289	0.1435	0.1278	0.1618	0.1213	0.0633	0.0957	0.0563	0.0636
1.0000	0.0977	0.1225	0.1000	0.0977	0.1407	0.0891	0.1383	0.1862	0.2013	0.1855	0.1864
2.0000	0.2875	0.2008	0.1383	0.2875	0.2515	0.3177	0.2697	0.2612	0.2339	0.2946	0.2610
3.0000	0.1899	0.2101	0.2585	0.1899	0.1852	0.1112	0.1867	0.2327	0.1967	0.1941	0.2324
4.0000	0.1500	0.1855	0.2418	0.1500	0.1619	0.1994	0.1524	0.1477	0.1327	0.1632	0.1476
5.0000	0.0747	0.0797	0.0662	0.0747	0.0784	0.0340	0.0739	0.0711	0.0757	0.0675	0.0712
6.0000	0.0360	0.0509	0.0273	0.0360	0.0374	0.0646	0.0364	0.0269	0.0376	0.0285	0.0270
7.0000	0.0104	0.0186	0.0266	0.0104	0.0122	0.0040	0.0142	0.0082	0.0165	0.0077	0.0083
8.0000	0.0060	0.0026	0.0106	0.0060	0.0038	0.0149	0.0052	0.0021	0.0065	0.0021	0.0021
9.0000	0.0038	0.0006	0.0013	0.0038	0.0009	0.0002	0.0014	0.0004	0.0023	0.0004	0.0004
10.0000	0.0000	0.0002	0.0003	0.0000	0.0002	0.0026	0.0004	0.0001	0.0007	0.0001	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002	0.0000	0.0000
12.0000	0.0005	0.0000	0.0000	0.0005	0.0000	0.0004	0.0000	0.0000	0.0001	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0177	0.0170	0.0089	0.0183	0.0300	0.0259	0.0900	0.0500	0.1000	0.0900
pe		0.2367	0.4123	0.3572	0.1264	0.3000	0.0855	0.2100	0.2200	0.1600	0.2100
Schedule		390.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3328	0.3213	0.3129	0.3328	0.3205	0.3354	0.3172	0.2199	0.2800	0.3006	0.2967
1.0000	0.1789	0.1866	0.1789	0.1789	0.2096	0.1858	0.2088	0.3448	0.3094	0.2235	0.2995
2.0000	0.2946	0.2441	0.2417	0.2946	0.2725	0.3076	0.2805	0.2580	0.2119	0.2861	0.2010
3.0000	0.1184	0.1500	0.1624	0.1184	0.1172	0.0661	0.1158	0.1226	0.1139	0.1168	0.1107
4.0000	0.0502	0.0716	0.0780	0.0502	0.0565	0.0828	0.0524	0.0415	0.0522	0.0534	0.0536
5.0000	0.0142	0.0144	0.0125	0.0142	0.0170	0.0058	0.0174	0.0106	0.0212	0.0145	0.0235
6.0000	0.0082	0.0077	0.0067	0.0082	0.0052	0.0142	0.0058	0.0022	0.0078	0.0040	0.0095

7.0000	0.0022	0.0034	0.0052	0.0022	0.0012	0.0002	0.0015	0.0004	0.0026	0.0008	0.0036
8.0000	0.0005	0.0007	0.0015	0.0005	0.0003	0.0019	0.0004	0.0000	0.0008	0.0002	0.0013
9.0000	0.0000	0.0001	0.0002	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002	0.0000	0.0004
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0001	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0172	0.0298	0.0191	0.0184	0.0100	0.0234	0.1600	0.0700	0.0400	0.0500
pe		0.1701	0.1980	0.2011	0.1009	0.1800	0.0829	0.3400	0.3300	0.0900	0.3600
Schedule		391.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.5603	0.5582	0.5551	0.5603	0.5512	0.5340	0.5490	0.4741	0.5385	0.5493	0.5518
1.0000	0.2253	0.2313	0.2275	0.2253	0.2468	0.2601	0.2486	0.3599	0.2823	0.2464	0.2677
2.0000	0.1555	0.1367	0.1373	0.1555	0.1433	0.1657	0.1437	0.1304	0.1160	0.1457	0.1122
3.0000	0.0415	0.0515	0.0566	0.0415	0.0418	0.0220	0.0418	0.0300	0.0425	0.0424	0.0437
4.0000	0.0153	0.0169	0.0185	0.0153	0.0132	0.0162	0.0132	0.0049	0.0144	0.0129	0.0161
5.0000	0.0011	0.0035	0.0030	0.0011	0.0029	0.0005	0.0030	0.0006	0.0045	0.0027	0.0057
6.0000	0.0011	0.0013	0.0012	0.0011	0.0007	0.0014	0.0007	0.0001	0.0014	0.0005	0.0019
7.0000	0.0000	0.0004	0.0006	0.0000	0.0001	0.0000	0.0001	0.0000	0.0004	0.0001	0.0006
8.0000	0.0000	0.0001	0.0002	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0002
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0048	0.0118	0.0040	0.0207	0.0600	0.0257	0.2000	0.0500	0.0200	0.0200
pe		0.0900	0.0944	0.0951	0.0873	0.1600	0.0907	0.4100	0.2300	0.0900	0.2300

Schedule		392.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1708	0.1620	0.1539	0.1708	0.1598	0.1961	0.1549	0.0937	0.1166	0.1066	0.0999
1.0000	0.1124	0.1467	0.1339	0.1124	0.1512	0.1214	0.1471	0.2342	0.2385	0.1898	0.2358
2.0000	0.3415	0.2735	0.2505	0.3415	0.2990	0.3290	0.3161	0.2795	0.2566	0.3351	0.2729
3.0000	0.1653	0.1834	0.2140	0.1653	0.1690	0.1097	0.1695	0.2117	0.1920	0.1674	0.2059
4.0000	0.1353	0.1613	0.1770	0.1353	0.1494	0.1639	0.1395	0.1142	0.1114	0.1449	0.1136
5.0000	0.0475	0.0464	0.0409	0.0475	0.0473	0.0242	0.0476	0.0467	0.0530	0.0386	0.0487
6.0000	0.0180	0.0196	0.0157	0.0180	0.0187	0.0435	0.0182	0.0150	0.0214	0.0141	0.0169
7.0000	0.0082	0.0054	0.0100	0.0082	0.0043	0.0020	0.0052	0.0039	0.0075	0.0027	0.0048
8.0000	0.0005	0.0013	0.0035	0.0005	0.0011	0.0086	0.0014	0.0008	0.0023	0.0006	0.0012
9.0000	0.0005	0.0004	0.0005	0.0005	0.0002	0.0001	0.0003	0.0001	0.0006	0.0001	0.0002
10.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0013	0.0001	0.0000	0.0001	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0106	0.0204	0.0080	0.0133	0.0300	0.0192	0.0900	0.0600	0.0800	0.0900
pe		0.1844	0.2612	0.2658	0.1264	0.2000	0.0880	0.3100	0.3300	0.1300	0.3100
Schedule		393.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.0169	0.0045	0.0111	0.0169	0.0426	0.1214	0.0371	0.0306	0.0328	0.0084	0.0316
1.0000	0.0273	0.0197	0.0111	0.0273	0.0788	0.0436	0.0620	0.1157	0.1187	0.1108	0.1170
2.0000	0.3524	0.3094	0.2744	0.3524	0.2406	0.2846	0.2581	0.2086	0.2080	0.2531	0.2083
3.0000	0.2215	0.2791	0.2767	0.2215	0.1954	0.0894	0.2089	0.2387	0.2346	0.2075	0.2369
4.0000	0.2128	0.2038	0.2257	0.2128	0.2416	0.2497	0.2510	0.1946	0.1911	0.2366	0.1931
5.0000	0.0846	0.0652	0.0684	0.0846	0.1139	0.0451	0.1110	0.1203	0.1196	0.0955	0.1200
6.0000	0.0556	0.0586	0.0449	0.0556	0.0666	0.1132	0.0516	0.0585	0.0596	0.0649	0.0590
7.0000	0.0180	0.0391	0.0392	0.0180	0.0165	0.0087	0.0146	0.0230	0.0243	0.0162	0.0236
8.0000	0.0071	0.0174	0.0212	0.0071	0.0039	0.0343	0.0042	0.0074	0.0082	0.0058	0.0078
9.0000	0.0033	0.0025	0.0030	0.0033	0.0003	0.0008	0.0011	0.0020	0.0023	0.0009	0.0021
10.0000	0.0000	0.0005	0.0003	0.0000	-0.0001	0.0078	0.0003	0.0004	0.0006	0.0002	0.0005
11.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0000	0.0001
12.0000	0.0005	0.0000	0.0000	0.0005	0.0000	0.0013	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0126	0.0059	0.0039	0.0261	0.1000	0.0205	0.0100	0.0100	0.0100	0.0100
pe		0.1758	0.2207	0.1963	0.2714	0.4100	0.2234	0.3200	0.3200	0.2600	0.3300
Schedule		394.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1964	0.1767	0.1700	0.1964	0.1800	0.2114	0.1771	0.1077	0.1513	0.1295	0.1213
1.0000	0.1506	0.1413	0.1287	0.1506	0.1831	0.1340	0.1849	0.2526	0.2530	0.2158	0.2538
2.0000	0.2984	0.2130	0.1983	0.2984	0.2762	0.3303	0.2821	0.2827	0.2415	0.3100	0.2684
3.0000	0.1740	0.2288	0.2479	0.1740	0.1756	0.1065	0.1725	0.2009	0.1711	0.1796	0.1905
4.0000	0.1015	0.1556	0.1765	0.1015	0.1109	0.1502	0.1069	0.1017	0.0991	0.1061	0.1016
5.0000	0.0469	0.0448	0.0421	0.0469	0.0470	0.0208	0.0471	0.0390	0.0493	0.0398	0.0432
6.0000	0.0191	0.0232	0.0150	0.0191	0.0190	0.0371	0.0201	0.0118	0.0217	0.0143	0.0152
7.0000	0.0104	0.0121	0.0140	0.0104	0.0058	0.0015	0.0067	0.0029	0.0085	0.0037	0.0045
8.0000	0.0022	0.0032	0.0062	0.0022	0.0017	0.0069	0.0021	0.0006	0.0030	0.0009	0.0012
9.0000	0.0005	0.0009	0.0011	0.0005	0.0004	0.0001	0.0005	0.0001	0.0010	0.0002	0.0003
10.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0010	0.0001	0.0000	0.0003	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0245	0.0328	0.0253	0.0204	0.0100	0.0240	0.1200	0.0600	0.0900	0.1000
pe		0.2653	0.3585	0.2904	0.0886	0.2700	0.0779	0.2100	0.2000	0.1400	0.2000

Schedule		395.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2891	0.2750	0.2713	0.2891	0.2911	0.3028	0.2864	0.1902	0.2268	0.2607	0.2585
1.0000	0.1484	0.1569	0.1537	0.1484	0.1632	0.1780	0.1613	0.3279	0.3111	0.1898	0.2955
2.0000	0.3590	0.3423	0.3329	0.3590	0.3250	0.3180	0.3393	0.2698	0.2378	0.3469	0.2145
3.0000	0.1178	0.1369	0.1455	0.1178	0.1283	0.0765	0.1266	0.1409	0.1323	0.1205	0.1241
4.0000	0.0606	0.0648	0.0716	0.0606	0.0688	0.0958	0.0620	0.0525	0.0592	0.0629	0.0620
5.0000	0.0158	0.0152	0.0158	0.0158	0.0174	0.0081	0.0175	0.0148	0.0225	0.0143	0.0277
6.0000	0.0076	0.0058	0.0057	0.0076	0.0051	0.0176	0.0054	0.0033	0.0074	0.0041	0.0113
7.0000	0.0016	0.0025	0.0027	0.0016	0.0009	0.0003	0.0012	0.0006	0.0022	0.0007	0.0042
8.0000	0.0000	0.0006	0.0008	0.0000	0.0002	0.0025	0.0003	0.0001	0.0006	0.0001	0.0015
9.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0005
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0198	0.0250	0.0184	0.0028	0.0200	0.0038	0.1400	0.0900	0.0400	0.0500
pe		0.0738	0.1042	0.1072	0.1020	0.2400	0.0667	0.4400	0.4200	0.0800	0.4500
Schedule		396.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3071	0.2995	0.2987	0.3071	0.2976	0.3439	0.2958	0.2251	0.2502	0.2840	0.2733
1.0000	0.1817	0.1907	0.1898	0.1817	0.2018	0.1819	0.2028	0.3473	0.3321	0.2116	0.3180
2.0000	0.3486	0.3236	0.3234	0.3486	0.3389	0.3081	0.3408	0.2558	0.2352	0.3497	0.2183
3.0000	0.1064	0.1226	0.1237	0.1064	0.1040	0.0627	0.1027	0.1196	0.1170	0.1021	0.1137
4.0000	0.0420	0.0522	0.0525	0.0420	0.0444	0.0820	0.0443	0.0399	0.0456	0.0417	0.0493
5.0000	0.0098	0.0078	0.0075	0.0098	0.0100	0.0053	0.0104	0.0101	0.0147	0.0086	0.0186
6.0000	0.0038	0.0023	0.0027	0.0038	0.0026	0.0139	0.0027	0.0020	0.0040	0.0021	0.0062
7.0000	0.0005	0.0010	0.0014	0.0005	0.0005	0.0002	0.0005	0.0003	0.0010	0.0003	0.0019
8.0000	0.0000	0.0002	0.0004	0.0000	0.0001	0.0018	0.0001	0.0000	0.0002	0.0001	0.0005
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0109	0.0122	0.0110	0.0137	0.0500	0.0163	0.1200	0.0900	0.0400	0.0500
pe		0.0933	0.0950	0.0958	0.0521	0.2000	0.0530	0.4100	0.3900	0.0600	0.4200
Schedule		397.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.0987	0.0935	0.0934	0.0987	0.1095	0.1705	0.0990	0.0615	0.0699	0.0199	0.0620
1.0000	0.0797	0.0860	0.0854	0.0797	0.1193	0.0760	0.1072	0.1828	0.1881	0.1848	0.1831
2.0000	0.3764	0.3207	0.2708	0.3764	0.2868	0.3232	0.3227	0.2594	0.2518	0.3516	0.2590
3.0000	0.1888	0.2251	0.2453	0.1888	0.1842	0.0971	0.1956	0.2338	0.2226	0.1775	0.2331
4.0000	0.1369	0.1692	0.1992	0.1369	0.1838	0.2080	0.1629	0.1501	0.1457	0.1753	0.1498
5.0000	0.0687	0.0483	0.0510	0.0687	0.0725	0.0304	0.0667	0.0731	0.0750	0.0577	0.0732
6.0000	0.0322	0.0284	0.0229	0.0322	0.0327	0.0707	0.0314	0.0280	0.0315	0.0255	0.0282
7.0000	0.0131	0.0203	0.0214	0.0131	0.0085	0.0036	0.0100	0.0086	0.0111	0.0058	0.0088
8.0000	0.0044	0.0075	0.0091	0.0044	0.0023	0.0169	0.0033	0.0022	0.0033	0.0016	0.0023
9.0000	0.0011	0.0009	0.0012	0.0011	0.0004	0.0002	0.0008	0.0005	0.0008	0.0003	0.0005
10.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0031	0.0002	0.0001	0.0002	0.0001	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0058	0.0059	0.0053	0.0120	0.0800	0.0003	0.0400	0.0300	0.0900	0.0400
pe		0.1836	0.3000	0.3022	0.2136	0.3600	0.1348	0.3200	0.3100	0.2300	0.3200
Schedule		398.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2471	0.2427	0.2408	0.2471	0.2380	0.2797	0.2368	0.1638	0.1993	0.2080	0.1994
1.0000	0.1817	0.1803	0.1760	0.1817	0.1976	0.1605	0.1983	0.3088	0.2972	0.2190	0.2972
2.0000	0.3213	0.2765	0.2747	0.3213	0.3123	0.3273	0.3114	0.2780	0.2451	0.3338	0.2450
3.0000	0.1342	0.1752	0.1798	0.1342	0.1430	0.0825	0.1435	0.1589	0.1462	0.1417	0.1462
4.0000	0.0802	0.0956	0.0980	0.0802	0.0761	0.1121	0.0770	0.0647	0.0699	0.0711	0.0699
5.0000	0.0251	0.0184	0.0181	0.0251	0.0232	0.0104	0.0235	0.0200	0.0282	0.0193	0.0282
6.0000	0.0087	0.0067	0.0068	0.0087	0.0076	0.0228	0.0075	0.0048	0.0099	0.0057	0.0099

7.0000	0.0016	0.0035	0.0043	0.0016	0.0017	0.0005	0.0017	0.0009	0.0031	0.0011	0.0031
8.0000	0.0000	0.0009	0.0013	0.0000	0.0004	0.0036	0.0004	0.0002	0.0009	0.0002	0.0009
9.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0000	0.0001	0.0000	0.0002	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0058	0.0084	0.0040	0.0121	0.0400	0.0137	0.1100	0.0700	0.0600	0.0700
pe		0.1519	0.1708	0.1698	0.0550	0.1900	0.0563	0.2900	0.2900	0.1100	0.2900
Schedule		399.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1560	0.1558	0.1050	0.1560	0.1434	0.1864	0.1381	0.0759	0.1053	0.0837	0.0766
1.0000	0.1075	0.1306	0.0975	0.1075	0.1437	0.0929	0.1431	0.2076	0.2175	0.1817	0.2079
2.0000	0.3093	0.1931	0.3857	0.3093	0.2736	0.3294	0.2882	0.2711	0.2439	0.3137	0.2703
3.0000	0.1708	0.2124	0.2099	0.1708	0.1764	0.1004	0.1767	0.2247	0.1952	0.1802	0.2239
4.0000	0.1522	0.2185	0.1309	0.1522	0.1592	0.1888	0.1469	0.1327	0.1238	0.1578	0.1325
5.0000	0.0584	0.0570	0.0312	0.0584	0.0635	0.0266	0.0632	0.0594	0.0657	0.0535	0.0597
6.0000	0.0316	0.0172	0.0173	0.0316	0.0297	0.0577	0.0313	0.0209	0.0301	0.0228	0.0212
7.0000	0.0109	0.0105	0.0151	0.0109	0.0078	0.0027	0.0089	0.0060	0.0121	0.0050	0.0061
8.0000	0.0016	0.0043	0.0067	0.0016	0.0023	0.0127	0.0029	0.0014	0.0043	0.0013	0.0014
9.0000	0.0016	0.0005	0.0007	0.0016	0.0004	0.0001	0.0006	0.0003	0.0014	0.0002	0.0003
10.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0021	0.0001	0.0000	0.0004	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0002	0.0178	0.0075	0.0149	0.0300	0.0212	0.1000	0.0700	0.0900	0.1000
pe		0.3165	0.1319	0.3428	0.1145	0.2600	0.0917	0.2700	0.2900	0.1300	0.2700

Schedule		400.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1206	0.1020	0.1986	0.1206	0.1359	0.2167	0.1266	0.0861	0.0889	0.0484	0.0870
1.0000	0.0944	0.1017	0.1197	0.0944	0.1287	0.0841	0.1147	0.2234	0.2243	0.2008	0.2237
2.0000	0.4217	0.4054	0.2782	0.4217	0.3335	0.3402	0.3711	0.2765	0.2736	0.4066	0.2756
3.0000	0.1746	0.1995	0.2176	0.1746	0.1726	0.0814	0.1807	0.2174	0.2145	0.1497	0.2165
4.0000	0.1200	0.1189	0.0283	0.1200	0.1590	0.1852	0.1417	0.1217	0.1213	0.1397	0.1216
5.0000	0.0420	0.0313	0.0127	0.0420	0.0480	0.0195	0.0437	0.0517	0.0526	0.0354	0.0520
6.0000	0.0207	0.0202	0.0122	0.0207	0.0186	0.0563	0.0162	0.0173	0.0182	0.0157	0.0176
7.0000	0.0038	0.0147	0.0056	0.0038	0.0031	0.0018	0.0040	0.0047	0.0051	0.0028	0.0048
8.0000	0.0022	0.0057	0.0010	0.0022	0.0005	0.0123	0.0010	0.0010	0.0012	0.0008	0.0011
9.0000	0.0000	0.0005	0.0001	0.0000	0.0000	0.0001	0.0002	0.0002	0.0002	0.0001	0.0002
10.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0020	0.0001	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0212	0.0090	0.0130	0.0174	0.1100	0.0068	0.0400	0.0400	0.0800	0.0400
pe		0.0861	0.2506	0.1090	0.1979	0.3600	0.1212	0.3800	0.3800	0.2000	0.3800
Schedule		401.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2057	0.2018	0.1986	0.2057	0.2090	0.2531	0.2035	0.1287	0.1567	0.1474	0.1460
1.0000	0.1478	0.1305	0.1197	0.1478	0.1688	0.1265	0.1622	0.2755	0.2727	0.2213	0.2741
2.0000	0.3421	0.2924	0.2176	0.3421	0.3006	0.3373	0.3225	0.2825	0.2550	0.3428	0.2649
3.0000	0.1642	0.2047	0.1261	0.1642	0.1655	0.0849	0.1671	0.1848	0.1687	0.1552	0.1746
4.0000	0.0889	0.1144	0.0283	0.0889	0.1023	0.1415	0.0926	0.0865	0.0880	0.0910	0.0878
5.0000	0.0322	0.0274	0.0127	0.0322	0.0365	0.0142	0.0338	0.0309	0.0382	0.0289	0.0357
6.0000	0.0120	0.0147	0.0122	0.0120	0.0131	0.0343	0.0128	0.0087	0.0143	0.0102	0.0122
7.0000	0.0055	0.0099	0.0056	0.0055	0.0033	0.0009	0.0039	0.0020	0.0047	0.0024	0.0036
8.0000	0.0011	0.0033	0.0010	0.0011	0.0008	0.0063	0.0012	0.0004	0.0014	0.0006	0.0009
9.0000	0.0005	0.0007	0.0001	0.0005	0.0001	0.0000	0.0003	0.0001	0.0004	0.0001	0.0002
10.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0009	0.0001	0.0000	0.0001	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0050	0.0090	0.0042	0.0042	0.0500	0.0028	0.1000	0.0700	0.0800	0.0800
pe		0.1857	0.2506	0.2389	0.1076	0.2700	0.0567	0.2800	0.2800	0.1100	0.2800
Schedule		402.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1288	0.0859	0.1166	0.1288	0.1159	0.1575	0.1119	0.0570	0.0848	0.0309	0.0577
1.0000	0.0971	0.0838	0.0865	0.0971	0.1329	0.0776	0.1302	0.1734	0.1896	0.1858	0.1740
2.0000	0.2733	0.1825	0.1104	0.2733	0.2497	0.3137	0.2614	0.2528	0.2309	0.3039	0.2522
3.0000	0.1975	0.2526	0.2591	0.1975	0.1856	0.1051	0.1874	0.2351	0.2015	0.1938	0.2340
4.0000	0.1582	0.2321	0.2688	0.1582	0.1679	0.2098	0.1624	0.1565	0.1400	0.1680	0.1560
5.0000	0.0824	0.0681	0.0746	0.0824	0.0827	0.0355	0.0805	0.0794	0.0818	0.0704	0.0795
6.0000	0.0371	0.0430	0.0303	0.0371	0.0430	0.0734	0.0419	0.0319	0.0414	0.0333	0.0322
7.0000	0.0153	0.0368	0.0341	0.0153	0.0151	0.0047	0.0160	0.0104	0.0186	0.0098	0.0106
8.0000	0.0060	0.0130	0.0165	0.0060	0.0054	0.0182	0.0060	0.0028	0.0075	0.0031	0.0029
9.0000	0.0027	0.0017	0.0026	0.0027	0.0014	0.0003	0.0017	0.0006	0.0027	0.0007	0.0007
10.0000	0.0011	0.0004	0.0004	0.0011	0.0004	0.0035	0.0005	0.0001	0.0009	0.0002	0.0001
11.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0000	0.0001	0.0000	0.0003	0.0000	0.0000
12.0000	0.0005	0.0000	0.0000	0.0005	0.0000	0.0005	0.0000	0.0000	0.0001	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0492		0.0192	0.0148	0.0300	0.0194	0.0800	0.0500	0.1100	0.0800
pe		0.3259		0.4175	0.1040	0.3600	0.0791	0.1800	0.1700	0.1800	0.1800
Schedule		403.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1959	0.1945	0.1822	0.1959	0.2021	0.2235	0.1956	0.1214	0.1543	0.1413	0.1391
1.0000	0.1495	0.1453	0.1277	0.1495	0.1715	0.1473	0.1623	0.2676	0.2656	0.2213	0.2671
2.0000	0.3421	0.2661	0.2491	0.3421	0.2871	0.3281	0.3145	0.2826	0.2506	0.3272	0.2645

3.0000	0.1653	0.2044	0.2288	0.1653	0.1720	0.1047	0.1738	0.1903	0.1701	0.1658	0.1789
4.0000	0.0873	0.1179	0.1368	0.0873	0.1062	0.1377	0.0948	0.0918	0.0922	0.0962	0.0925
5.0000	0.0338	0.0365	0.0347	0.0338	0.0409	0.0186	0.0374	0.0337	0.0421	0.0331	0.0388
6.0000	0.0175	0.0209	0.0191	0.0175	0.0150	0.0321	0.0146	0.0098	0.0167	0.0115	0.0136
7.0000	0.0065	0.0108	0.0149	0.0065	0.0040	0.0013	0.0049	0.0023	0.0059	0.0028	0.0041
8.0000	0.0000	0.0030	0.0058	0.0000	0.0010	0.0058	0.0016	0.0005	0.0018	0.0007	0.0011
9.0000	0.0016	0.0005	0.0009	0.0016	0.0002	0.0000	0.0004	0.0001	0.0005	0.0001	0.0003
10.0000	0.0005	0.0001	0.0001	0.0005	0.0000	0.0008	0.0001	0.0000	0.0001	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0018	0.0170	0.0020	0.0077	0.0300	0.0004	0.1000	0.0600	0.0700	0.0800
pe		0.2049	0.3052	0.2902	0.1463	0.2100	0.0842	0.2700	0.2700	0.1400	0.2900
Schedule		404.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.0125	0.0033	0.0353	0.0125	0.0368	0.0974	0.0307	0.0223	0.0241	0.0182	0.0228
1.0000	0.0169	-0.0274	0.0262	0.0169	0.0709	0.0378	0.0539	0.0918	0.0950	0.0851	0.0928
2.0000	0.3099	0.2539	0.1181	0.3099	0.1989	0.2557	0.2140	0.1814	0.1818	0.2090	0.1815
3.0000	0.2171	0.2539	0.2741	0.2171	0.1900	0.0938	0.2042	0.2285	0.2248	0.2001	0.2274
4.0000	0.2008	0.2514	0.2982	0.2008	0.2307	0.2554	0.2435	0.2060	0.2018	0.2282	0.2047
5.0000	0.1162	0.1115	0.1021	0.1162	0.1381	0.0581	0.1374	0.1416	0.1398	0.1264	0.1410
6.0000	0.0731	0.0720	0.0409	0.0731	0.0885	0.1296	0.0739	0.0770	0.0777	0.0844	0.0772
7.0000	0.0295	0.0419	0.0592	0.0295	0.0325	0.0140	0.0277	0.0340	0.0355	0.0316	0.0345
8.0000	0.0185	0.0202	0.0365	0.0185	0.0111	0.0431	0.0100	0.0124	0.0136	0.0128	0.0128
9.0000	0.0033	0.0057	0.0077	0.0033	0.0023	0.0016	0.0033	0.0038	0.0044	0.0032	0.0040
10.0000	0.0011	0.0015	0.0013	0.0011	0.0003	0.0109	0.0011	0.0010	0.0012	0.0009	0.0010
11.0000	0.0011	0.0005	0.0004	0.0011	0.0000	0.0001	0.0003	0.0002	0.0003	0.0002	0.0002
12.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0021	0.0001	0.0000	0.0001	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0093	0.0231	0.0385	0.0246	0.0900	0.0184	0.0100	0.0100	0.0100	0.0100
pe		0.2256	0.4607	0.4598	0.2761	0.4200	0.2245	0.2600	0.2500	0.2400	0.2600
Schedule		405.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3104	0.2966	0.2855	0.3104	0.2970	0.3051	0.2942	0.1918	0.2623	0.2768	0.2712
1.0000	0.1860	0.1758	0.1642	0.1860	0.2076	0.1771	0.2085	0.3279	0.2945	0.2172	0.2900
2.0000	0.2662	0.2184	0.2129	0.2662	0.2604	0.3171	0.2640	0.2685	0.2121	0.2757	0.2062
3.0000	0.1320	0.1785	0.1946	0.1320	0.1301	0.0758	0.1289	0.1403	0.1228	0.1341	0.1205
4.0000	0.0676	0.0945	0.1049	0.0676	0.0691	0.0957	0.0668	0.0524	0.0618	0.0670	0.0621
5.0000	0.0213	0.0196	0.0197	0.0213	0.0243	0.0081	0.0250	0.0149	0.0280	0.0210	0.0292
6.0000	0.0120	0.0097	0.0086	0.0120	0.0084	0.0178	0.0090	0.0034	0.0116	0.0064	0.0127
7.0000	0.0033	0.0051	0.0068	0.0033	0.0022	0.0003	0.0026	0.0006	0.0045	0.0015	0.0051
8.0000	0.0005	0.0014	0.0024	0.0005	0.0006	0.0026	0.0007	0.0001	0.0016	0.0003	0.0020
9.0000	0.0005	0.0003	0.0004	0.0005	0.0001	0.0000	0.0002	0.0000	0.0005	0.0001	0.0007
10.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0003	0.0000	0.0000	0.0002	0.0000	0.0002
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0200	0.0360	0.0208	0.0194	0.0100	0.0235	0.1700	0.0700	0.0500	0.0600
pe		0.2008	0.2692	0.2552	0.0566	0.2500	0.0529	0.2800	0.2800	0.0700	0.2800
Schedule		406.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.0131	0.0027	0.0189	0.0131	0.0416	0.1178	0.0360	0.0279	0.0299	0.0120	0.0284
1.0000	0.0240	0.0011	0.0330	0.0240	0.0749	0.0387	0.0594	0.1077	0.1107	0.0993	0.1085
2.0000	0.3535	0.3092	0.2158	0.3535	0.2288	0.2781	0.2444	0.1992	0.1989	0.2424	0.1991
3.0000	0.2062	0.2676	0.2621	0.2062	0.1894	0.0839	0.2024	0.2349	0.2310	0.2015	0.2339
4.0000	0.1964	0.2223	0.2727	0.1964	0.2403	0.2535	0.2494	0.1983	0.1945	0.2374	0.1973
5.0000	0.1064	0.0738	0.0810	0.1064	0.1196	0.0456	0.1177	0.1276	0.1265	0.1032	0.1273

6.0000	0.0671	0.0515	0.0301	0.0671	0.0759	0.1213	0.0625	0.0650	0.0659	0.0726	0.0652
7.0000	0.0185	0.0449	0.0475	0.0185	0.0219	0.0097	0.0197	0.0269	0.0283	0.0208	0.0272
8.0000	0.0093	0.0224	0.0325	0.0093	0.0068	0.0390	0.0065	0.0092	0.0101	0.0085	0.0094
9.0000	0.0038	0.0034	0.0053	0.0038	0.0009	0.0010	0.0016	0.0026	0.0031	0.0017	0.0027
10.0000	0.0016	0.0007	0.0007	0.0016	0.0000	0.0095	0.0004	0.0006	0.0008	0.0005	0.0007
11.0000	0.0000	0.0003	0.0002	0.0000	-0.0001	0.0000	0.0001	0.0001	0.0002	0.0001	0.0001
12.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0018	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0106	0.0058	0.0138	0.0289	0.1100	0.0232	0.0200	0.0200	0.0000	0.0200
pe		0.2470	0.4015	0.4023	0.2724	0.4400	0.2277	0.3000	0.2900	0.2500	0.3000
Schedule		407.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.4370	0.4315	0.4244	0.4370	0.4209	0.4082	0.4204	0.3243	0.4118	0.4165	0.4194
1.0000	0.2428	0.2405	0.2274	0.2428	0.2650	0.2522	0.2657	0.3739	0.2965	0.2621	0.2902
2.0000	0.1844	0.1646	0.1619	0.1844	0.1851	0.2384	0.1829	0.2065	0.1606	0.1914	0.1569
3.0000	0.0813	0.0957	0.1105	0.0813	0.0797	0.0508	0.0796	0.0728	0.0763	0.0829	0.0758
4.0000	0.0355	0.0430	0.0520	0.0355	0.0339	0.0411	0.0346	0.0183	0.0332	0.0335	0.0340
5.0000	0.0142	0.0137	0.0133	0.0142	0.0110	0.0030	0.0118	0.0035	0.0136	0.0100	0.0144
6.0000	0.0033	0.0069	0.0056	0.0033	0.0034	0.0054	0.0038	0.0005	0.0052	0.0028	0.0058
7.0000	0.0011	0.0030	0.0032	0.0011	0.0009	0.0001	0.0010	0.0001	0.0019	0.0006	0.0022
8.0000	0.0005	0.0009	0.0013	0.0005	0.0002	0.0007	0.0002	0.0000	0.0007	0.0001	0.0008
9.0000	0.0000	0.0003	0.0003	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002	0.0000	0.0003
10.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0097	0.0223	0.0066	0.0286	0.0600	0.0295	0.2100	0.0500	0.0400	0.0400
pe		0.0900	0.1600	0.1481	0.0531	0.2000	0.0540	0.3400	0.1200	0.0700	0.1600
Schedule		408.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1582	0.1508	0.1292	0.1582	0.1682	0.2252	0.1544	0.0975	0.1129	0.1026	0.0986
1.0000	0.0944	0.1090	0.0932	0.0944	0.1331	0.0968	0.1173	0.2384	0.2412	0.1867	0.2387
2.0000	0.4103	0.3685	0.2980	0.4103	0.3209	0.3400	0.3737	0.2792	0.2636	0.3691	0.2780
3.0000	0.1631	0.1828	0.2366	0.1631	0.1619	0.0846	0.1701	0.2085	0.1954	0.1496	0.2075
4.0000	0.1031	0.1083	0.1592	0.1031	0.1472	0.1722	0.1172	0.1115	0.1099	0.1379	0.1114
5.0000	0.0355	0.0399	0.0392	0.0355	0.0463	0.0184	0.0415	0.0454	0.0499	0.0368	0.0458
6.0000	0.0278	0.0261	0.0205	0.0278	0.0175	0.0491	0.0171	0.0146	0.0189	0.0139	0.0150
7.0000	0.0055	0.0112	0.0161	0.0055	0.0038	0.0016	0.0059	0.0038	0.0061	0.0027	0.0040
8.0000	0.0005	0.0030	0.0069	0.0005	0.0009	0.0102	0.0020	0.0008	0.0017	0.0007	0.0009
9.0000	0.0016	0.0004	0.0010	0.0016	0.0001	0.0001	0.0005	0.0002	0.0004	0.0001	0.0002
10.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0016	0.0001	0.0000	0.0001	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0088	0.0128	3.8945	0.0119	0.0800	0.0045	0.0700	0.0600	0.0700	0.0800
pe		0.1148	0.2513	0.2867	0.2353	0.3300	0.1193	0.4300	0.4300	0.2400	0.4300

Schedule		409.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1402	0.1108	0.1292	0.1402	0.1492	0.1926	0.1388	0.0842	0.0982	0.0714	0.0844
1.0000	0.0927	0.1020	0.0932	0.0927	0.1294	0.1041	0.1131	0.2195	0.2240	0.1901	0.2196
2.0000	0.3868	0.3526	0.2980	0.3868	0.3087	0.3288	0.3513	0.2741	0.2602	0.3669	0.2740
3.0000	0.1713	0.2063	0.2366	0.1713	0.1699	0.1035	0.1795	0.2183	0.2043	0.1581	0.2181
4.0000	0.1249	0.1395	0.1592	0.1249	0.1569	0.1778	0.1344	0.1245	0.1214	0.1459	0.1244
5.0000	0.0518	0.0416	0.0392	0.0518	0.0553	0.0256	0.0517	0.0541	0.0579	0.0434	0.0541
6.0000	0.0196	0.0236	0.0205	0.0196	0.0235	0.0518	0.0217	0.0186	0.0230	0.0187	0.0187
7.0000	0.0093	0.0165	0.0161	0.0093	0.0056	0.0025	0.0069	0.0052	0.0078	0.0041	0.0052
8.0000	0.0011	0.0060	0.0069	0.0011	0.0014	0.0111	0.0020	0.0012	0.0023	0.0011	0.0012
9.0000	0.0016	0.0008	0.0010	0.0016	0.0002	0.0001	0.0005	0.0002	0.0006	0.0002	0.0002
10.0000	0.0005	0.0001	0.0001	0.0005	0.0000	0.0018	0.0001	0.0000	0.0001	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0342	0.0128	0.0017	0.0105	0.0600	0.0016	0.0600	0.0500	0.0800	0.0900
pe		0.1401	0.2513	0.2546	0.1878	0.3100	0.0937	0.3500	0.3500	0.2000	0.3500
Schedule		410.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1386	0.1171	0.1242	0.1386	0.1494	0.2019	0.1395	0.0902	0.0962	0.0712	0.0903
1.0000	0.0938	0.0974	0.0948	0.0938	0.1309	0.1087	0.1135	0.2282	0.2300	0.1952	0.2283
2.0000	0.4070	0.3847	0.3447	0.4070	0.3245	0.3294	0.3684	0.2767	0.2704	0.3850	0.2766
3.0000	0.1746	0.2073	0.2256	0.1746	0.1690	0.1012	0.1776	0.2140	0.2081	0.1518	0.2139
4.0000	0.1146	0.1211	0.1415	0.1146	0.1537	0.1713	0.1314	0.1185	0.1176	0.1397	0.1184
5.0000	0.0415	0.0328	0.0309	0.0415	0.0488	0.0239	0.0456	0.0500	0.0519	0.0375	0.0500
6.0000	0.0213	0.0214	0.0173	0.0213	0.0190	0.0489	0.0173	0.0167	0.0186	0.0156	0.0167
7.0000	0.0055	0.0134	0.0147	0.0055	0.0038	0.0022	0.0050	0.0045	0.0055	0.0030	0.0045
8.0000	0.0033	0.0043	0.0056	0.0033	0.0008	0.0104	0.0013	0.0010	0.0014	0.0008	0.0010
9.0000	0.0000	0.0005	0.0007	0.0000	0.0001	0.0001	0.0003	0.0002	0.0003	0.0001	0.0002
10.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0017	0.0001	0.0000	0.0001	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0250	0.0167	0.0064	0.0125	0.0700	0.0010	0.0600	0.0500	0.0800	0.0900
pe		0.0968	0.1951	0.1990	0.2069	0.3300	0.1034	0.3700	0.3700	0.2200	0.3700
Schedule		411.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.5292	0.5241	0.5176	0.5292	0.5154	0.5118	0.5127	0.4164	0.5035	0.5165	0.5175
1.0000	0.2139	0.2176	0.2120	0.2139	0.2413	0.2236	0.2423	0.3716	0.2779	0.2338	0.2644
2.0000	0.1653	0.1426	0.1424	0.1653	0.1578	0.2018	0.1589	0.1589	0.1286	0.1620	0.1235
3.0000	0.0611	0.0757	0.0830	0.0611	0.0551	0.0282	0.0557	0.0433	0.0548	0.0581	0.0550
4.0000	0.0240	0.0300	0.0342	0.0240	0.0219	0.0294	0.0218	0.0085	0.0220	0.0219	0.0236
5.0000	0.0044	0.0053	0.0053	0.0044	0.0061	0.0011	0.0063	0.0013	0.0084	0.0057	0.0097
6.0000	0.0011	0.0026	0.0025	0.0011	0.0018	0.0036	0.0018	0.0001	0.0031	0.0015	0.0039
7.0000	0.0005	0.0015	0.0019	0.0005	0.0004	0.0000	0.0004	0.0000	0.0011	0.0003	0.0015
8.0000	0.0005	0.0005	0.0008	0.0005	0.0001	0.0004	0.0001	0.0000	0.0004	0.0001	0.0006
9.0000	0.0000	0.0002	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0108	0.0247	0.0107	0.0073	0.0400	0.0350	0.2400	0.0600	0.0300	0.0300
pe		0.1073	0.1301	0.1307	0.1509	0.1900	0.0966	0.4300	0.2300	0.0600	0.2300
Schedule		412.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2095	0.2072	0.1992	0.2095	0.2153	0.2571	0.2084	0.1391	0.1610	0.1553	0.1539

1.0000	0.1511	0.1469	0.1366	0.1511	0.1751	0.1417	0.1661	0.2860	0.2825	0.2294	0.2838
2.0000	0.3666	0.3156	0.3043	0.3666	0.3062	0.3330	0.3354	0.2817	0.2599	0.3460	0.2666
3.0000	0.1446	0.1862	0.2046	0.1446	0.1647	0.0877	0.1650	0.1770	0.1657	0.1519	0.1692
4.0000	0.0857	0.0893	0.1045	0.0857	0.0946	0.1306	0.0829	0.0796	0.0818	0.0828	0.0813
5.0000	0.0278	0.0261	0.0223	0.0278	0.0314	0.0135	0.0283	0.0273	0.0331	0.0246	0.0314
6.0000	0.0104	0.0169	0.0132	0.0104	0.0100	0.0297	0.0098	0.0074	0.0114	0.0079	0.0101
7.0000	0.0033	0.0089	0.0110	0.0033	0.0022	0.0008	0.0029	0.0016	0.0034	0.0017	0.0028
8.0000	0.0011	0.0025	0.0038	0.0011	0.0004	0.0052	0.0009	0.0003	0.0009	0.0004	0.0007
9.0000	0.0000	0.0004	0.0006	0.0000	0.0001	0.0000	0.0002	0.0000	0.0002	0.0001	0.0001
10.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0029	0.0131	0.0025	0.0242	0.0600	0.0014	0.0900	0.0600	0.0700	0.0700
pe		0.1467	0.2212	0.2178	0.0968	0.2400	0.0902	0.3300	0.3400	0.1500	0.3400
Schedule		413.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1375	0.1001	0.1252	0.1375	0.1166	0.1440	0.1129	0.0566	0.0859	0.0361	0.0567
1.0000	0.0944	0.0995	0.1000	0.0944	0.1340	0.0897	0.1317	0.1727	0.1896	0.1827	0.1727
2.0000	0.2608	0.1752	0.1180	0.2608	0.2449	0.3054	0.2562	0.2524	0.2295	0.2953	0.2523
3.0000	0.1959	0.2327	0.2459	0.1959	0.1864	0.1221	0.1884	0.2353	0.2001	0.1965	0.2351
4.0000	0.1620	0.2433	0.2677	0.1620	0.1673	0.2033	0.1597	0.1570	0.1395	0.1690	0.1569
5.0000	0.0780	0.0855	0.0859	0.0780	0.0848	0.0415	0.0833	0.0798	0.0821	0.0731	0.0798
6.0000	0.0469	0.0313	0.0240	0.0469	0.0437	0.0684	0.0435	0.0321	0.0421	0.0338	0.0322
7.0000	0.0169	0.0201	0.0195	0.0169	0.0152	0.0055	0.0164	0.0105	0.0191	0.0098	0.0105
8.0000	0.0049	0.0091	0.0104	0.0049	0.0052	0.0163	0.0058	0.0028	0.0078	0.0029	0.0028
9.0000	0.0016	0.0026	0.0028	0.0016	0.0013	0.0003	0.0016	0.0006	0.0029	0.0006	0.0006
10.0000	0.0011	0.0006	0.0005	0.0011	0.0003	0.0031	0.0004	0.0001	0.0010	0.0001	0.0001
11.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0000	0.0001	0.0000	0.0003	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000	0.0001	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0434	0.0142	0.0066	0.0242	0.0000	0.0285	0.1000	0.0600	0.1200	0.1000
pe		0.2792	0.3997	0.3874	0.0968	0.2900	0.0726	0.1900	0.1700	0.1900	0.1900
Schedule		414.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.0180	0.0043	0.0270	0.0180	0.0439	0.1177	0.0376	0.0288	0.0308	0.0137	0.0294
1.0000	0.0213	0.0098	0.0299	0.0213	0.0771	0.0412	0.0615	0.1101	0.1131	0.1026	0.1109
2.0000	0.3486	0.2773	0.1914	0.3486	0.2298	0.2784	0.2476	0.2017	0.2014	0.2417	0.2016
3.0000	0.2193	0.2533	0.2799	0.2193	0.1911	0.0877	0.2042	0.2356	0.2317	0.2038	0.2345
4.0000	0.2013	0.2375	0.2740	0.2013	0.2369	0.2510	0.2457	0.1970	0.1933	0.2343	0.1960
5.0000	0.0944	0.0748	0.0788	0.0944	0.1191	0.0468	0.1162	0.1255	0.1245	0.1034	0.1253
6.0000	0.0611	0.0579	0.0340	0.0611	0.0732	0.1182	0.0584	0.0633	0.0643	0.0703	0.0636
7.0000	0.0218	0.0549	0.0488	0.0218	0.0216	0.0097	0.0196	0.0259	0.0273	0.0203	0.0263
8.0000	0.0076	0.0246	0.0298	0.0076	0.0064	0.0374	0.0065	0.0088	0.0097	0.0077	0.0090
9.0000	0.0038	0.0040	0.0051	0.0038	0.0010	0.0009	0.0019	0.0025	0.0029	0.0016	0.0026
10.0000	0.0016	0.0011	0.0007	0.0016	0.0000	0.0090	0.0006	0.0006	0.0008	0.0004	0.0006
11.0000	0.0005	0.0004	0.0003	0.0005	0.0000	0.0000	0.0001	0.0001	0.0002	0.0001	0.0001
12.0000	0.0005	0.0001	0.0001	0.0005	0.0000	0.0017	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0139	0.0092	0.0205	0.0264	0.1000	0.0200	0.0100	0.0100	0.0100	0.0100
pe		0.2312		0.4022	0.2872	0.4400	0.2366	0.3100	0.3100	0.2700	0.3100
Schedule		415.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.0180	0.0077	0.0393	0.0180	0.0475	0.1035	0.0395	0.0277	0.0297	0.0244	0.0287
1.0000	0.0262	0.0144	0.0386	0.0262	0.0782	0.0491	0.0609	0.1072	0.1102	0.0965	0.1087
2.0000	0.3486	0.2512	0.1728	0.3486	0.2202	0.2655	0.2417	0.1986	0.1984	0.2335	0.1985
3.0000	0.2062	0.2616	0.2761	0.2062	0.1897	0.1070	0.2040	0.2347	0.2308	0.1970	0.2328

4.0000	0.1980	0.2305	0.2664	0.1980	0.2304	0.2453	0.2404	0.1986	0.1948	0.2260	0.1967
5.0000	0.0977	0.0903	0.0826	0.0977	0.1231	0.0584	0.1199	0.1280	0.1269	0.1125	0.1275
6.0000	0.0606	0.0713	0.0463	0.0606	0.0769	0.1131	0.0591	0.0653	0.0663	0.0748	0.0658
7.0000	0.0245	0.0477	0.0469	0.0245	0.0246	0.0124	0.0221	0.0271	0.0285	0.0239	0.0278
8.0000	0.0125	0.0203	0.0255	0.0125	0.0078	0.0346	0.0081	0.0093	0.0102	0.0090	0.0098
9.0000	0.0049	0.0039	0.0046	0.0049	0.0014	0.0012	0.0029	0.0027	0.0031	0.0019	0.0029
10.0000	0.0011	0.0008	0.0007	0.0011	0.0002	0.0082	0.0009	0.0006	0.0008	0.0004	0.0007
11.0000	0.0016	0.0003	0.0002	0.0016	0.0000	0.0001	0.0003	0.0001	0.0002	0.0001	0.0002
12.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0015	0.0001	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0105	0.0217	0.0359	0.0300	0.0900	0.0219	0.0100	0.0100	0.0000	0.0100
pe		0.2537	0.4006	0.3986	0.2870	0.4000	0.2243	0.3200	0.3000	0.2700	0.3200
Schedule		416.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3966	0.3896	0.3758	0.3966	0.3808	0.3656	0.3797	0.2753	0.3716	0.3738	0.3768
1.0000	0.2422	0.2287	0.2133	0.2422	0.2592	0.2405	0.2587	0.3648	0.2921	0.2568	0.2884
2.0000	0.1855	0.1741	0.1714	0.1855	0.1966	0.2619	0.1957	0.2317	0.1725	0.2048	0.1698
3.0000	0.1020	0.1201	0.1403	0.1020	0.0941	0.0633	0.0950	0.0938	0.0893	0.0987	0.0887
4.0000	0.0447	0.0538	0.0670	0.0447	0.0447	0.0544	0.0454	0.0272	0.0425	0.0446	0.0429
5.0000	0.0185	0.0151	0.0149	0.0185	0.0165	0.0048	0.0172	0.0060	0.0189	0.0151	0.0195
6.0000	0.0082	0.0105	0.0083	0.0082	0.0058	0.0081	0.0060	0.0010	0.0080	0.0047	0.0084
7.0000	0.0016	0.0058	0.0061	0.0016	0.0017	0.0002	0.0017	0.0001	0.0032	0.0012	0.0035
8.0000	0.0005	0.0018	0.0023	0.0005	0.0005	0.0011	0.0005	0.0000	0.0012	0.0003	0.0014
9.0000	0.0000	0.0004	0.0005	0.0000	0.0001	0.0000	0.0001	0.0000	0.0004	0.0001	0.0005
10.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0002
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0116	0.0344	0.0117	0.0262	0.0600	0.0280	0.2100	0.0500	0.0400	0.0400
pe		0.1059	0.1892	0.1816	0.0673	0.2300	0.0631	0.3700	0.1200	0.0700	0.1300
Schedule		417.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2630	0.2552	0.2501	0.2630	0.2662	0.2915	0.2619	0.1796	0.2022	0.2238	0.2235
1.0000	0.1560	0.1587	0.1514	0.1560	0.1711	0.1734	0.1656	0.3197	0.3109	0.2123	0.3018
2.0000	0.3622	0.3463	0.3372	0.3622	0.3280	0.3203	0.3461	0.2726	0.2517	0.3563	0.2342
3.0000	0.1309	0.1496	0.1611	0.1309	0.1382	0.0804	0.1397	0.1483	0.1418	0.1246	0.1355
4.0000	0.0638	0.0615	0.0705	0.0638	0.0716	0.1017	0.0624	0.0577	0.0620	0.0631	0.0645
5.0000	0.0169	0.0161	0.0161	0.0169	0.0187	0.0093	0.0175	0.0171	0.0223	0.0148	0.0264
6.0000	0.0065	0.0079	0.0073	0.0065	0.0051	0.0196	0.0052	0.0040	0.0068	0.0042	0.0096
7.0000	0.0000	0.0037	0.0044	0.0000	0.0009	0.0004	0.0012	0.0008	0.0018	0.0007	0.0031
8.0000	0.0005	0.0010	0.0016	0.0005	0.0002	0.0030	0.0003	0.0001	0.0004	0.0001	0.0009
9.0000	0.0000	0.0002	0.0003	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001	0.0000	0.0003
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0106	0.0174	0.0091	0.0043	0.0400	0.0015	0.1100	0.0800	0.0500	0.0500
pe		0.0627	0.1004	0.1009	0.0934	0.2300	0.0533	0.3800	0.3800	0.0900	0.4100

Schedule		418.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2111	0.2053	0.1986	0.2111	0.2154	0.2563	0.2093	0.1372	0.1617	0.1561	0.1549
1.0000	0.1517	0.1434	0.1326	0.1517	0.1734	0.1391	0.1643	0.2841	0.2805	0.2260	0.2817
2.0000	0.3573	0.3130	0.3012	0.3573	0.3045	0.3337	0.3320	0.2819	0.2577	0.3442	0.2640
3.0000	0.1451	0.1889	0.2056	0.1451	0.1643	0.0873	0.1652	0.1784	0.1656	0.1525	0.1690
4.0000	0.0917	0.0970	0.1092	0.0917	0.0961	0.1325	0.0847	0.0808	0.0830	0.0847	0.0827
5.0000	0.0273	0.0248	0.0233	0.0273	0.0325	0.0137	0.0296	0.0279	0.0343	0.0256	0.0328
6.0000	0.0104	0.0149	0.0128	0.0104	0.0108	0.0305	0.0105	0.0076	0.0121	0.0084	0.0109
7.0000	0.0044	0.0092	0.0116	0.0044	0.0024	0.0008	0.0032	0.0017	0.0037	0.0018	0.0031
8.0000	0.0011	0.0028	0.0042	0.0011	0.0005	0.0053	0.0010	0.0003	0.0010	0.0004	0.0008
9.0000	0.0000	0.0005	0.0007	0.0000	0.0001	0.0000	0.0002	0.0000	0.0002	0.0001	0.0002
10.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0007	0.0001	0.0000	0.0001	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0073	0.0158	0.0054	0.0055	0.0600	0.0023	0.0900	0.0600	0.0700	0.0700
pe		0.1469	0.2164	0.2074	0.1349	0.2300	0.0875	0.3300	0.3400	0.1400	0.3300
Schedule		419.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.0606	0.0157	0.0619	0.0606	0.0728	0.1303	0.0648	0.0424	0.0437	0.0303	0.0449
1.0000	0.0567	0.0395	0.0437	0.0567	0.1076	0.0672	0.0913	0.1432	0.1446	0.1308	0.1459
2.0000	0.3437	0.2607	0.1702	0.3437	0.2459	0.2931	0.2726	0.2319	0.2311	0.2820	0.2303
3.0000	0.2128	0.2678	0.2996	0.2128	0.2038	0.1115	0.2193	0.2393	0.2371	0.2102	0.2351
4.0000	0.1648	0.2150	0.2505	0.1648	0.1962	0.2253	0.1936	0.1768	0.1754	0.1901	0.1741
5.0000	0.0933	0.0790	0.0707	0.0933	0.1021	0.0465	0.0932	0.0996	0.0996	0.0915	0.0995
6.0000	0.0420	0.0606	0.0387	0.0420	0.0496	0.0881	0.0418	0.0444	0.0451	0.0449	0.0457
7.0000	0.0158	0.0436	0.0426	0.0158	0.0162	0.0076	0.0154	0.0161	0.0167	0.0144	0.0172
8.0000	0.0049	0.0147	0.0182	0.0049	0.0047	0.0238	0.0056	0.0048	0.0051	0.0045	0.0054
9.0000	0.0033	0.0026	0.0032	0.0033	0.0010	0.0006	0.0018	0.0012	0.0013	0.0010	0.0015
10.0000	0.0022	0.0006	0.0005	0.0022	0.0002	0.0050	0.0005	0.0003	0.0003	0.0002	0.0003
11.0000	0.0000	0.0002	0.0001	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001	0.0000	0.0001
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0008	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0478	0.0014	0.0221	0.0130	0.0700	0.0045	0.0200	0.0200	0.0300	0.0200
pe		0.2964	0.4546	0.4268	0.2240	0.3700	0.1551	0.2700	0.2600	0.1800	0.2700
Schedule		420.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.0273	0.0116	0.0344	0.0273	0.0548	0.1257	0.0469	0.0348	0.0370	0.0283	0.0364
1.0000	0.0366	0.0051	0.0422	0.0366	0.0852	0.0511	0.0678	0.1256	0.1283	0.1118	0.1275
2.0000	0.3682	0.3448	0.2413	0.3682	0.2463	0.2875	0.2707	0.2167	0.2159	0.2541	0.2161
3.0000	0.2144	0.2806	0.2849	0.2144	0.1926	0.0965	0.2064	0.2386	0.2346	0.2003	0.2357
4.0000	0.1844	0.1948	0.2322	0.1844	0.2315	0.2407	0.2386	0.1881	0.1849	0.2275	0.1858
5.0000	0.0889	0.0610	0.0651	0.0889	0.1075	0.0458	0.1027	0.1129	0.1124	0.0949	0.1126
6.0000	0.0480	0.0525	0.0369	0.0480	0.0616	0.1044	0.0433	0.0537	0.0548	0.0617	0.0545
7.0000	0.0175	0.0408	0.0405	0.0175	0.0160	0.0085	0.0156	0.0207	0.0220	0.0156	0.0216
8.0000	0.0093	0.0160	0.0190	0.0093	0.0040	0.0308	0.0056	0.0066	0.0074	0.0048	0.0072
9.0000	0.0049	0.0024	0.0030	0.0049	0.0005	0.0007	0.0017	0.0018	0.0021	0.0008	0.0020
10.0000	0.0005	0.0005	0.0005	0.0005	0.0000	0.0070	0.0005	0.0004	0.0005	0.0002	0.0005
11.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0000	0.0001
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0012	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0161	0.0073	0.0183	0.0283	0.1000	0.0202	0.0000	0.0100	0.0000	0.0000
pe		0.2126	0.3294	0.3317	0.2913	0.4200	0.2244	0.3200	0.3000	0.2900	0.3200
Schedule		421.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2133	0.2081	0.2023	0.2133	0.1957	0.2172	0.1937	0.1195	0.1641	0.1516	0.1440

1.0000	0.1593	0.1571	0.1485	0.1593	0.1842	0.1510	0.1850	0.2654	0.2624	0.2116	0.2648
2.0000	0.2902	0.2131	0.2042	0.2902	0.2843	0.3260	0.2872	0.2825	0.2407	0.3155	0.2580
3.0000	0.1604	0.2124	0.2238	0.1604	0.1659	0.1090	0.1647	0.1918	0.1647	0.1690	0.1760
4.0000	0.1064	0.1467	0.1585	0.1064	0.1045	0.1373	0.1024	0.0932	0.0926	0.1000	0.0936
5.0000	0.0442	0.0353	0.0375	0.0442	0.0416	0.0197	0.0422	0.0345	0.0449	0.0352	0.0412
6.0000	0.0180	0.0141	0.0109	0.0180	0.0169	0.0318	0.0173	0.0101	0.0193	0.0127	0.0154
7.0000	0.0076	0.0094	0.0094	0.0076	0.0050	0.0014	0.0054	0.0024	0.0075	0.0032	0.0051
8.0000	0.0005	0.0032	0.0041	0.0005	0.0015	0.0057	0.0016	0.0005	0.0026	0.0008	0.0015
9.0000	0.0000	0.0006	0.0007	0.0000	0.0003	0.0000	0.0004	0.0001	0.0009	0.0002	0.0004
10.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0008	0.0001	0.0000	0.0003	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0066	0.0140	0.0049	0.0224	0.0100	0.0249	0.1100	0.0600	0.0700	0.0800
pe		0.2412	0.2954	0.2820	0.0583	0.2300	0.0553	0.2300	0.2000	0.1400	0.2300
Schedule		422.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2209	0.1908	0.1910	0.2209	0.2076	0.2210	0.2044	0.1274	0.1782	0.1703	0.1610
1.0000	0.1598	0.1544	0.1380	0.1598	0.1892	0.1630	0.1894	0.2741	0.2675	0.2101	0.2707
2.0000	0.3115	0.2316	0.2008	0.3115	0.2805	0.3232	0.2879	0.2826	0.2360	0.3066	0.2501
3.0000	0.1544	0.2117	0.2425	0.1544	0.1645	0.1103	0.1608	0.1857	0.1578	0.1700	0.1665
4.0000	0.0818	0.1312	0.1576	0.0818	0.0974	0.1286	0.0938	0.0874	0.0880	0.0942	0.0886
5.0000	0.0376	0.0449	0.0379	0.0376	0.0393	0.0187	0.0405	0.0313	0.0427	0.0336	0.0398
6.0000	0.0273	0.0232	0.0159	0.0273	0.0152	0.0283	0.0161	0.0089	0.0186	0.0114	0.0156
7.0000	0.0038	0.0094	0.0112	0.0038	0.0046	0.0012	0.0052	0.0020	0.0073	0.0029	0.0054
8.0000	0.0022	0.0021	0.0043	0.0022	0.0013	0.0049	0.0015	0.0004	0.0026	0.0007	0.0017
9.0000	0.0005	0.0005	0.0007	0.0005	0.0003	0.0000	0.0004	0.0001	0.0009	0.0001	0.0005
10.0000	0.0000	0.0001	0.0001	0.0000	0.0001	0.0007	0.0001	0.0000	0.0003	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0386	0.0384	0.0169	0.0171	0.0000	0.0212	0.1200	0.0500	0.0600	0.0800
pe		0.2684	0.4078	0.3750	0.1308	0.1700	0.1130	0.2700	0.2800	0.1400	0.2700
Schedule		423.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2390	0.2266	0.2210	0.2390	0.2234	0.2660	0.2219	0.1558	0.1852	0.1861	0.1771
1.0000	0.1691	0.1769	0.1667	0.1691	0.1989	0.1626	0.2001	0.3012	0.2933	0.2295	0.2957
2.0000	0.3208	0.2745	0.2706	0.3208	0.3105	0.3258	0.3122	0.2790	0.2511	0.3338	0.2582
3.0000	0.1566	0.1853	0.1989	0.1566	0.1515	0.0889	0.1506	0.1648	0.1528	0.1481	0.1560
4.0000	0.0802	0.1011	0.1070	0.0802	0.0801	0.1153	0.0787	0.0697	0.0736	0.0743	0.0728
5.0000	0.0218	0.0210	0.0204	0.0218	0.0252	0.0122	0.0255	0.0224	0.0296	0.0207	0.0278
6.0000	0.0093	0.0084	0.0077	0.0093	0.0080	0.0240	0.0085	0.0057	0.0103	0.0060	0.0090
7.0000	0.0033	0.0046	0.0055	0.0033	0.0019	0.0006	0.0021	0.0012	0.0031	0.0012	0.0025
8.0000	0.0000	0.0013	0.0018	0.0000	0.0004	0.0039	0.0005	0.0002	0.0009	0.0002	0.0006
9.0000	0.0000	0.0002	0.0003	0.0000	0.0001	0.0000	0.0001	0.0000	0.0002	0.0000	0.0001
10.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0005	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0163		0.0161	0.0205	0.0300	0.0225	0.1100	0.0700	0.0700	0.0800
pe		0.1423		0.1661	0.0682	0.2000	0.0702	0.2600	0.2800	0.1200	0.2600
Schedule		424.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1326	0.0300	0.1094	0.1326	0.1116	0.1236	0.1047	0.0456	0.0864	0.0320	0.0457
1.0000	0.0927	0.0472	0.0934	0.0927	0.1291	0.0810	0.1272	0.1502	0.1773	0.1691	0.1503
2.0000	0.2395	0.1775	0.0690	0.2395	0.2183	0.2898	0.2365	0.2372	0.2112	0.2616	0.2371
3.0000	0.1849	0.2901	0.2508	0.1849	0.1821	0.1284	0.1848	0.2389	0.1895	0.2015	0.2387

4.0000	0.1626	0.2396	0.2829	0.1626	0.1657	0.2149	0.1563	0.1723	0.1410	0.1768	0.1721
5.0000	0.0840	0.1022	0.1050	0.0840	0.0991	0.0510	0.0930	0.0946	0.0912	0.0913	0.0946
6.0000	0.0556	0.0615	0.0381	0.0556	0.0566	0.0784	0.0543	0.0412	0.0527	0.0452	0.0412
7.0000	0.0284	0.0330	0.0290	0.0284	0.0241	0.0079	0.0260	0.0145	0.0277	0.0158	0.0146
8.0000	0.0109	0.0125	0.0165	0.0109	0.0094	0.0198	0.0114	0.0042	0.0133	0.0051	0.0043
9.0000	0.0071	0.0047	0.0048	0.0071	0.0029	0.0006	0.0041	0.0010	0.0059	0.0013	0.0010
10.0000	0.0005	0.0014	0.0010	0.0005	0.0008	0.0040	0.0013	0.0002	0.0024	0.0003	0.0002
11.0000	0.0011	0.0002	0.0002	0.0011	0.0002	0.0000	0.0003	0.0000	0.0009	0.0001	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0006	0.0001	0.0000	0.0003	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.1182	0.0268	0.0055	0.0242	0.0100	0.0322	0.1000	0.0500	0.1100	0.1000
pe		0.3739	0.4679	0.4073	0.1047	0.3100	0.0712	0.2100	0.1600	0.2000	0.2100
Schedule		425.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.0938	0.0908	0.0842	0.0938	0.1014	0.1583	0.0941	0.0643	0.0669	0.0200	0.0645
1.0000	0.0775	0.1000	0.0823	0.0775	0.1220	0.0958	0.1054	0.1868	0.1885	0.1845	0.1870
2.0000	0.3890	0.3234	0.2884	0.3890	0.2950	0.3121	0.3283	0.2604	0.2579	0.3566	0.2601
3.0000	0.1817	0.2207	0.2589	0.1817	0.1932	0.1175	0.2054	0.2314	0.2278	0.1834	0.2310
4.0000	0.1500	0.1599	0.1816	0.1500	0.1819	0.1944	0.1673	0.1472	0.1459	0.1696	0.1470
5.0000	0.0726	0.0593	0.0492	0.0726	0.0704	0.0366	0.0643	0.0713	0.0720	0.0565	0.0714
6.0000	0.0229	0.0292	0.0273	0.0229	0.0279	0.0628	0.0251	0.0274	0.0285	0.0228	0.0275
7.0000	0.0087	0.0116	0.0193	0.0087	0.0066	0.0045	0.0075	0.0085	0.0093	0.0051	0.0086
8.0000	0.0027	0.0042	0.0075	0.0027	0.0015	0.0147	0.0021	0.0022	0.0025	0.0013	0.0022
9.0000	0.0011	0.0008	0.0012	0.0011	0.0002	0.0003	0.0005	0.0005	0.0006	0.0002	0.0005
10.0000	0.0000	0.0001	0.0002	0.0000	0.0000	0.0027	0.0001	0.0001	0.0001	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0033	0.0106	3.3974	0.0084	0.0800	0.0003	0.0300	0.0300	0.0800	0.0300
pe		0.1781	0.2843	0.2879	0.2133	0.3300	0.1574	0.3300	0.3300	0.2000	0.3300
Schedule		426.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2690	0.2412	0.2369	0.2690	0.2433	0.2564	0.2395	0.1632	0.2093	0.2204	0.2080
1.0000	0.1555	0.1914	0.1836	0.1555	0.1991	0.1890	0.2012	0.3073	0.2922	0.2105	0.2927
2.0000	0.3175	0.2478	0.2418	0.3175	0.2954	0.3163	0.3012	0.2773	0.2359	0.3124	0.2369
3.0000	0.1337	0.1855	0.1982	0.1337	0.1501	0.0981	0.1455	0.1596	0.1427	0.1542	0.1432
4.0000	0.0813	0.0965	0.1031	0.0813	0.0763	0.1036	0.0733	0.0657	0.0713	0.0734	0.0712
5.0000	0.0322	0.0237	0.0214	0.0322	0.0254	0.0128	0.0269	0.0206	0.0308	0.0216	0.0306
6.0000	0.0082	0.0095	0.0086	0.0082	0.0080	0.0198	0.0091	0.0051	0.0118	0.0059	0.0116
7.0000	0.0022	0.0034	0.0047	0.0022	0.0019	0.0007	0.0025	0.0010	0.0041	0.0012	0.0040
8.0000	0.0005	0.0009	0.0014	0.0005	0.0004	0.0031	0.0006	0.0002	0.0013	0.0002	0.0012
9.0000	0.0000	0.0002	0.0003	0.0000	0.0001	0.0000	0.0001	0.0000	0.0004	0.0000	0.0004
10.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0004	0.0000	0.0000	0.0001	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0381	0.0439	0.0366	0.0352	0.0200	0.0404	0.1500	0.0800	0.0700	0.0900
pe		0.2521	0.2805	0.2831	0.1294	0.1800	0.1211	0.3400	0.3300	0.1400	0.3400
Schedule		427.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2586	0.2572	0.2524	0.2586	0.2522	0.2998	0.2479	0.1797	0.2119	0.2261	0.2137
1.0000	0.1740	0.1816	0.1765	0.1740	0.2011	0.1629	0.2036	0.3198	0.3069	0.2205	0.3062
2.0000	0.3546	0.2857	0.2853	0.3546	0.3181	0.3236	0.3253	0.2726	0.2435	0.3366	0.2421
3.0000	0.1260	0.1645	0.1699	0.1260	0.1353	0.0755	0.1313	0.1482	0.1389	0.1333	0.1384
4.0000	0.0551	0.0857	0.0879	0.0551	0.0665	0.1048	0.0630	0.0577	0.0632	0.0620	0.0634
5.0000	0.0202	0.0155	0.0150	0.0202	0.0193	0.0087	0.0199	0.0171	0.0242	0.0161	0.0246
6.0000	0.0082	0.0054	0.0063	0.0082	0.0059	0.0207	0.0068	0.0040	0.0081	0.0045	0.0083

7.0000	0.0022	0.0031	0.0049	0.0022	0.0013	0.0004	0.0017	0.0008	0.0024	0.0009	0.0025
8.0000	0.0005	0.0010	0.0016	0.0005	0.0003	0.0032	0.0004	0.0001	0.0006	0.0002	0.0007
9.0000	0.0005	0.0002	0.0002	0.0005	0.0000	0.0000	0.0001	0.0000	0.0001	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0019	0.0083	0.0036	0.0086	0.0500	0.0144	0.1100	0.0600	0.0500	0.0600
pe		0.2088	0.2153	0.2173	0.1202	0.2300	0.1009	0.3500	0.3500	0.1200	0.3600
Schedule		428.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2957	0.2829	0.2799	0.2957	0.2834	0.3289	0.2811	0.2105	0.2383	0.2656	0.2551
1.0000	0.1757	0.1884	0.1851	0.1757	0.2015	0.1775	0.2025	0.3389	0.3240	0.2147	0.3148
2.0000	0.3464	0.3117	0.3112	0.3464	0.3329	0.3126	0.3359	0.2614	0.2379	0.3463	0.2252
3.0000	0.1124	0.1374	0.1415	0.1124	0.1134	0.0674	0.1118	0.1286	0.1241	0.1110	0.1209
4.0000	0.0518	0.0634	0.0649	0.0518	0.0514	0.0886	0.0506	0.0453	0.0511	0.0480	0.0536
5.0000	0.0131	0.0107	0.0101	0.0131	0.0129	0.0064	0.0132	0.0121	0.0176	0.0110	0.0205
6.0000	0.0044	0.0034	0.0040	0.0044	0.0036	0.0159	0.0038	0.0026	0.0052	0.0028	0.0070
7.0000	0.0005	0.0016	0.0025	0.0005	0.0007	0.0002	0.0008	0.0004	0.0014	0.0005	0.0022
8.0000	0.0000	0.0005	0.0007	0.0000	0.0001	0.0022	0.0002	0.0001	0.0003	0.0001	0.0006
9.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0182	0.0225	0.0191	0.0175	0.0400	0.0207	0.1300	0.0900	0.0500	0.0700
pe		0.1264	0.1321	0.1341	0.0596	0.2000	0.0572	0.3900	0.3900	0.0700	0.4000
Schedule		429.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1953	0.1672	0.1691	0.1953	0.1778	0.1958	0.1746	0.1036	0.1510	0.1274	0.1183
1.0000	0.1511	0.1452	0.1344	0.1511	0.1812	0.1427	0.1835	0.2463	0.2482	0.2115	0.2482
2.0000	0.2881	0.2038	0.1661	0.2881	0.2686	0.3232	0.2742	0.2807	0.2370	0.3017	0.2655
3.0000	0.1691	0.2204	0.2444	0.1691	0.1771	0.1180	0.1739	0.2039	0.1703	0.1837	0.1921
4.0000	0.1102	0.1518	0.1866	0.1102	0.1137	0.1491	0.1092	0.1061	0.1013	0.1103	0.1053
5.0000	0.0480	0.0566	0.0518	0.0480	0.0507	0.0244	0.0507	0.0420	0.0523	0.0435	0.0464
6.0000	0.0245	0.0354	0.0215	0.0245	0.0213	0.0367	0.0224	0.0132	0.0241	0.0160	0.0170
7.0000	0.0093	0.0149	0.0172	0.0093	0.0069	0.0020	0.0080	0.0034	0.0100	0.0044	0.0053
8.0000	0.0033	0.0034	0.0073	0.0033	0.0021	0.0069	0.0026	0.0007	0.0038	0.0011	0.0014
9.0000	0.0011	0.0011	0.0014	0.0011	0.0005	0.0001	0.0007	0.0001	0.0013	0.0002	0.0003
10.0000	0.0000	0.0002	0.0002	0.0000	0.0001	0.0011	0.0002	0.0000	0.0004	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0349	0.0326	0.0178	0.0217	0.0100	0.0257	0.1200	0.0600	0.0900	0.1000
pe		0.2594	0.3848	0.2785	0.0886	0.2200	0.0739	0.2100	0.2000	0.1400	0.2000
Schedule		430.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.0295	0.0069	0.0284	0.0295	0.0537	0.1266	0.0463	0.0358	0.0380	0.0274	0.0374
1.0000	0.0349	0.0032	0.0455	0.0349	0.0857	0.0529	0.0691	0.1280	0.1307	0.1143	0.1299
2.0000	0.3655	0.3416	0.2671	0.3655	0.2506	0.2886	0.2735	0.2189	0.2180	0.2580	0.2182
3.0000	0.2177	0.2830	0.2825	0.2177	0.1945	0.0983	0.2084	0.2389	0.2348	0.2007	0.2359
4.0000	0.1942	0.1917	0.2206	0.1942	0.2330	0.2388	0.2392	0.1866	0.1835	0.2273	0.1843
5.0000	0.0829	0.0597	0.0629	0.0829	0.1057	0.0458	0.1012	0.1110	0.1106	0.0927	0.1107
6.0000	0.0480	0.0518	0.0361	0.0480	0.0588	0.1022	0.0413	0.0523	0.0535	0.0598	0.0532
7.0000	0.0153	0.0428	0.0367	0.0153	0.0144	0.0083	0.0142	0.0200	0.0212	0.0146	0.0209
8.0000	0.0071	0.0165	0.0170	0.0071	0.0032	0.0298	0.0049	0.0063	0.0071	0.0042	0.0069
9.0000	0.0033	0.0023	0.0026	0.0033	0.0004	0.0007	0.0014	0.0017	0.0020	0.0007	0.0019

10.0000	0.0016	0.0004	0.0003	0.0016	0.0000	0.0067	0.0004	0.0004	0.0005	0.0001	0.0004
11.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0000	0.0001
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0012	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0232	0.0011	0.0071	0.0249	0.1000	0.0173	0.0100	0.0100	0.0000	0.0100
pe		0.1954	0.2736	0.2766	0.2788	0.4000	0.2184	0.3200	0.3400	0.2800	0.3200
Schedule		431.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.0082	0.0032	0.0378	0.0082	0.0356	0.0994	0.0297	0.0217	0.0236	0.0175	0.0222
1.0000	0.0125	0.0125	0.0209	0.0125	0.0691	0.0351	0.0539	0.0903	0.0934	0.0835	0.0911
2.0000	0.3088	0.1721	0.0978	0.3088	0.1994	0.2570	0.2132	0.1795	0.1800	0.2041	0.1796
3.0000	0.2319	0.2289	0.2686	0.2319	0.1876	0.0879	0.2008	0.2277	0.2241	0.2018	0.2267
4.0000	0.2051	0.2826	0.3201	0.2051	0.2328	0.2578	0.2440	0.2067	0.2024	0.2326	0.2055
5.0000	0.1097	0.1103	0.1067	0.1097	0.1375	0.0552	0.1369	0.1430	0.1411	0.1253	0.1425
6.0000	0.0627	0.0856	0.0413	0.0627	0.0903	0.1331	0.0771	0.0783	0.0789	0.0860	0.0785
7.0000	0.0333	0.0826	0.0580	0.0333	0.0332	0.0135	0.0291	0.0348	0.0363	0.0313	0.0352
8.0000	0.0191	0.0365	0.0391	0.0191	0.0119	0.0452	0.0107	0.0128	0.0140	0.0133	0.0131
9.0000	0.0055	0.0073	0.0079	0.0055	0.0025	0.0016	0.0033	0.0039	0.0046	0.0034	0.0041
10.0000	0.0033	0.0023	0.0012	0.0033	0.0004	0.0116	0.0010	0.0010	0.0013	0.0010	0.0011
11.0000	0.0000	0.0009	0.0005	0.0000	0.0000	0.0001	0.0003	0.0002	0.0003	0.0002	0.0002
12.0000	0.0000	0.0003	0.0002	0.0000	0.0000	0.0023	0.0001	0.0000	0.0001	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0051	0.0298	0.0495	0.0276	0.0900	0.0217	0.0100	0.0100	0.0100	0.0100

pe		0.3392	0.4492	0.4431	0.3091	0.4600	0.2683	0.2700	0.2800	0.2800	0.2700
Schedule		432.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.3939	0.3958	0.3853	0.3939	0.3802	0.3818	0.3789	0.2729	0.3682	0.3712	0.3739
1.0000	0.2400	0.2288	0.2138	0.2400	0.2554	0.2127	0.2561	0.3642	0.2929	0.2558	0.2888
2.0000	0.1931	0.1697	0.1660	0.1931	0.1992	0.2724	0.1977	0.2328	0.1738	0.2080	0.1708
3.0000	0.0944	0.1151	0.1331	0.0944	0.0944	0.0566	0.0949	0.0949	0.0902	0.0982	0.0895
4.0000	0.0518	0.0568	0.0683	0.0518	0.0456	0.0609	0.0464	0.0277	0.0429	0.0452	0.0433
5.0000	0.0158	0.0155	0.0151	0.0158	0.0168	0.0043	0.0174	0.0062	0.0191	0.0152	0.0197
6.0000	0.0087	0.0101	0.0085	0.0087	0.0061	0.0097	0.0063	0.0011	0.0080	0.0049	0.0085
7.0000	0.0016	0.0058	0.0065	0.0016	0.0018	0.0001	0.0018	0.0002	0.0032	0.0012	0.0035
8.0000	0.0005	0.0019	0.0026	0.0005	0.0005	0.0013	0.0005	0.0000	0.0012	0.0003	0.0014
9.0000	0.0000	0.0005	0.0006	0.0000	0.0001	0.0000	0.0001	0.0000	0.0004	0.0001	0.0005
10.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0002
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0031	0.0141	0.0071	0.0226	0.0100	0.0247	0.1900	0.0400	0.0300	0.0300
pe		0.1126	0.1933	0.1869	0.0521	0.2800	0.0510	0.3400	0.1300	0.0800	0.1500
Schedule		433.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2739	0.2548	0.2539	0.2739	0.2732	0.2910	0.2687	0.1778	0.2107	0.2359	0.2340
1.0000	0.1451	0.1549	0.1482	0.1451	0.1659	0.1709	0.1634	0.3184	0.3056	0.1992	0.2956
2.0000	0.3573	0.3270	0.3215	0.3573	0.3221	0.3213	0.3358	0.2732	0.2435	0.3482	0.2254
3.0000	0.1271	0.1574	0.1666	0.1271	0.1360	0.0802	0.1360	0.1495	0.1397	0.1266	0.1327
4.0000	0.0676	0.0769	0.0804	0.0676	0.0746	0.1032	0.0678	0.0585	0.0641	0.0674	0.0660
5.0000	0.0213	0.0167	0.0167	0.0213	0.0205	0.0094	0.0201	0.0175	0.0248	0.0166	0.0289
6.0000	0.0060	0.0074	0.0072	0.0060	0.0063	0.0201	0.0063	0.0041	0.0083	0.0050	0.0114
7.0000	0.0011	0.0038	0.0039	0.0011	0.0012	0.0004	0.0015	0.0008	0.0025	0.0009	0.0041
8.0000	0.0005	0.0010	0.0013	0.0005	0.0003	0.0031	0.0003	0.0001	0.0007	0.0002	0.0014
9.0000	0.0000	0.0001	0.0002	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002	0.0000	0.0004
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0263	0.0275	0.0182	0.0010	0.0300	0.0072	0.1300	0.0800	0.0500	0.0500
pe		0.1225	0.1388	0.1260	0.1010	0.2300	0.0704	0.4100	0.3800	0.1000	0.4200
Schedule		434.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1457	0.1305	0.1260	0.1457	0.1528	0.1946	0.1423	0.0902	0.1010	0.0772	0.0904
1.0000	0.0889	0.1102	0.0991	0.0889	0.1356	0.1149	0.1172	0.2283	0.2312	0.1988	0.2283
2.0000	0.4032	0.3439	0.2992	0.4032	0.3119	0.3280	0.3582	0.2768	0.2657	0.3653	0.2766
3.0000	0.1789	0.2086	0.2411	0.1789	0.1734	0.1077	0.1843	0.2140	0.2037	0.1596	0.2138
4.0000	0.1097	0.1192	0.1556	0.1097	0.1501	0.1690	0.1252	0.1184	0.1167	0.1390	0.1184
5.0000	0.0415	0.0421	0.0345	0.0415	0.0520	0.0251	0.0469	0.0499	0.0531	0.0410	0.0500
6.0000	0.0196	0.0310	0.0191	0.0196	0.0191	0.0468	0.0174	0.0167	0.0199	0.0152	0.0167
7.0000	0.0087	0.0118	0.0178	0.0087	0.0042	0.0023	0.0059	0.0045	0.0063	0.0031	0.0045
8.0000	0.0027	0.0021	0.0066	0.0027	0.0009	0.0096	0.0019	0.0010	0.0017	0.0007	0.0010
9.0000	0.0011	0.0006	0.0010	0.0011	0.0001	0.0001	0.0005	0.0002	0.0004	0.0001	0.0002
10.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0016	0.0001	0.0000	0.0001	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0178	0.0231	0.0076	0.0083	0.0500	0.0040	0.0700	0.0600	0.0900	0.1000
pe		0.1594	0.2846	0.2900	0.2367	0.3400	0.1242	0.3900	0.3800	0.2500	0.3900
Schedule		435.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**

0.0000	0.0769	0.0643	0.0644	0.0769	0.0866	0.1611	0.0798	0.0580	0.0606	0.0284	0.0581
1.0000	0.0687	0.0868	0.0753	0.0687	0.1164	0.0781	0.1018	0.1754	0.1773	0.1588	0.1755
2.0000	0.3792	0.3422	0.3137	0.3792	0.2914	0.3143	0.3189	0.2540	0.2518	0.3409	0.2540
3.0000	0.2144	0.2380	0.2573	0.2144	0.1989	0.1035	0.2113	0.2346	0.2309	0.1938	0.2345
4.0000	0.1478	0.1673	0.1830	0.1478	0.1903	0.2081	0.1819	0.1551	0.1535	0.1770	0.1550
5.0000	0.0726	0.0533	0.0453	0.0726	0.0758	0.0347	0.0692	0.0781	0.0787	0.0636	0.0781
6.0000	0.0295	0.0267	0.0239	0.0295	0.0316	0.0729	0.0267	0.0312	0.0323	0.0286	0.0312
7.0000	0.0055	0.0150	0.0252	0.0055	0.0073	0.0046	0.0075	0.0101	0.0109	0.0067	0.0101
8.0000	0.0044	0.0055	0.0105	0.0044	0.0015	0.0182	0.0022	0.0027	0.0031	0.0018	0.0027
9.0000	0.0011	0.0008	0.0013	0.0011	0.0002	0.0003	0.0006	0.0006	0.0007	0.0003	0.0006
10.0000	0.0000	0.0001	0.0002	0.0000	0.0000	0.0035	0.0001	0.0001	0.0002	0.0001	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0137		0.0072	0.0105	0.0900	0.0031	0.0200	0.0200	0.0600	0.0200
pe		0.1424		0.2287	0.2214	0.3800	0.1534	0.2900	0.3200	0.2100	0.2900
Schedule		436.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1397	0.1275	0.1297	0.1397	0.1293	0.1770	0.1259	0.0700	0.0939	0.0548	0.0702
1.0000	0.1113	0.1138	0.1093	0.1113	0.1410	0.0887	0.1390	0.1968	0.2073	0.1914	0.1970
2.0000	0.2946	0.2145	0.1864	0.2946	0.2696	0.3238	0.2804	0.2652	0.2438	0.3186	0.2650
3.0000	0.1828	0.2291	0.2396	0.1828	0.1833	0.1027	0.1846	0.2279	0.2017	0.1860	0.2276
4.0000	0.1626	0.2089	0.2248	0.1626	0.1619	0.1948	0.1549	0.1402	0.1308	0.1587	0.1401
5.0000	0.0611	0.0560	0.0570	0.0611	0.0692	0.0296	0.0678	0.0657	0.0703	0.0575	0.0658
6.0000	0.0327	0.0253	0.0211	0.0327	0.0323	0.0625	0.0323	0.0244	0.0324	0.0247	0.0245
7.0000	0.0098	0.0178	0.0212	0.0098	0.0095	0.0033	0.0104	0.0073	0.0131	0.0061	0.0074
8.0000	0.0027	0.0060	0.0093	0.0027	0.0030	0.0144	0.0035	0.0018	0.0047	0.0017	0.0019
9.0000	0.0016	0.0009	0.0013	0.0016	0.0007	0.0002	0.0009	0.0004	0.0015	0.0003	0.0004
10.0000	0.0011	0.0002	0.0002	0.0011	0.0002	0.0026	0.0002	0.0001	0.0004	0.0001	0.0001
11.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0142	0.0116	0.0032	0.0121	0.0400	0.0160	0.0800	0.0500	0.1000	0.0800
pe		0.2332	0.3072	0.3035	0.0776	0.2900	0.0715	0.2300	0.2400	0.1500	0.2300
Schedule		437.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.1288	0.1035	0.1129	0.1288	0.1338	0.1802	0.1248	0.0785	0.0862	0.0449	0.0795
1.0000	0.0922	0.0944	0.0925	0.0922	0.1323	0.1046	0.1155	0.2108	0.2140	0.2037	0.2112
2.0000	0.3732	0.3256	0.3026	0.3732	0.2999	0.3240	0.3377	0.2711	0.2634	0.3647	0.2701
3.0000	0.1855	0.2368	0.2458	0.1855	0.1825	0.1103	0.1975	0.2223	0.2138	0.1693	0.2212
4.0000	0.1293	0.1483	0.1576	0.1293	0.1594	0.1813	0.1370	0.1305	0.1284	0.1456	0.1303
5.0000	0.0606	0.0412	0.0404	0.0606	0.0608	0.0290	0.0553	0.0584	0.0606	0.0472	0.0587
6.0000	0.0180	0.0247	0.0208	0.0180	0.0242	0.0537	0.0226	0.0207	0.0234	0.0191	0.0210
7.0000	0.0093	0.0181	0.0187	0.0093	0.0057	0.0030	0.0069	0.0059	0.0075	0.0042	0.0062
8.0000	0.0033	0.0063	0.0073	0.0033	0.0013	0.0116	0.0021	0.0014	0.0021	0.0010	0.0015
9.0000	0.0000	0.0009	0.0011	0.0000	0.0002	0.0001	0.0005	0.0003	0.0005	0.0002	0.0003
10.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0020	0.0001	0.0000	0.0001	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0291		0.0087	0.0057	0.0600	0.0046	0.0600	0.0500	0.1000	0.0600
pe		0.1828		0.2110	0.1822	0.3100	0.1063	0.3100	0.3100	0.2000	0.3100
Schedule		438.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2248	0.1855	0.1856	0.2248	0.2078	0.2189	0.2031	0.1245	0.1794	0.1717	0.1624
1.0000	0.1533	0.1510	0.1313	0.1533	0.1876	0.1602	0.1883	0.2710	0.2645	0.2056	0.2676
2.0000	0.3071	0.2267	0.1907	0.3071	0.2761	0.3230	0.2869	0.2826	0.2327	0.3017	0.2464

3.0000	0.1549	0.2123	0.2491	0.1549	0.1647	0.1108	0.1598	0.1879	0.1571	0.1719	0.1657
4.0000	0.0829	0.1341	0.1657	0.0829	0.0992	0.1310	0.0936	0.0895	0.0891	0.0969	0.0902
5.0000	0.0420	0.0481	0.0404	0.0420	0.0412	0.0194	0.0420	0.0325	0.0444	0.0356	0.0418
6.0000	0.0278	0.0274	0.0180	0.0278	0.0164	0.0294	0.0176	0.0093	0.0199	0.0123	0.0170
7.0000	0.0044	0.0117	0.0132	0.0044	0.0051	0.0013	0.0061	0.0022	0.0081	0.0033	0.0061
8.0000	0.0011	0.0025	0.0050	0.0011	0.0015	0.0052	0.0019	0.0004	0.0031	0.0008	0.0020
9.0000	0.0011	0.0006	0.0008	0.0011	0.0004	0.0000	0.0005	0.0001	0.0011	0.0002	0.0006
10.0000	0.0005	0.0001	0.0001	0.0005	0.0001	0.0007	0.0001	0.0000	0.0003	0.0000	0.0002
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0507	0.0505	0.0240	0.0219	0.0000	0.0280	0.1200	0.0500	0.0600	0.0800
pe		0.2676	0.4388	0.3958	0.1365	0.1900	0.1090	0.2700	0.2600	0.1400	0.2700
Schedule		439.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2313	0.2230	0.2176	0.2313	0.2213	0.2636	0.2196	0.1535	0.1835	0.1832	0.1741
1.0000	0.1806	0.1782	0.1700	0.1806	0.1983	0.1612	0.1995	0.2992	0.2914	0.2293	0.2941
2.0000	0.3148	0.2734	0.2703	0.3148	0.3091	0.3263	0.3106	0.2795	0.2508	0.3330	0.2592
3.0000	0.1538	0.1861	0.1976	0.1538	0.1528	0.0897	0.1521	0.1665	0.1538	0.1495	0.1577
4.0000	0.0818	0.1027	0.1083	0.0818	0.0815	0.1169	0.0803	0.0710	0.0748	0.0756	0.0740
5.0000	0.0251	0.0219	0.0211	0.0251	0.0261	0.0125	0.0263	0.0231	0.0304	0.0215	0.0283
6.0000	0.0093	0.0085	0.0075	0.0093	0.0084	0.0246	0.0088	0.0059	0.0107	0.0063	0.0092
7.0000	0.0033	0.0047	0.0055	0.0033	0.0020	0.0007	0.0022	0.0012	0.0033	0.0013	0.0026
8.0000	0.0000	0.0013	0.0018	0.0000	0.0005	0.0040	0.0005	0.0002	0.0009	0.0003	0.0006
9.0000	0.0000	0.0002	0.0003	0.0000	0.0001	0.0000	0.0001	0.0000	0.0002	0.0000	0.0001
10.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0005	0.0000	0.0000	0.0001	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0109	0.0179	0.0110	0.0130	0.0400	0.0152	0.1000	0.0600	0.0600	0.0800
pe		0.1351	0.1764	0.1739	0.0371	0.2200	0.0386	0.2500	0.2500	0.1200	0.2700
Schedule		440.0000									
level	**Actual**	**MBD**	**MDB-ADJ**	**MBD-ADJ2**	**CBD**	**DMD**	**CANEX**	**BIN**	**BBD**	**MSAD**	**HBBD**
0.0000	0.2215	0.1967	0.1830	0.2215	0.2084	0.2227	0.2041	0.1298	0.1797	0.1724	0.1595
1.0000	0.1604	0.1830	0.1590	0.1604	0.1923	0.1662	0.1944	0.2766	0.2694	0.2123	0.2733
2.0000	0.3170	0.2120	0.1948	0.3170	0.2791	0.3220	0.2880	0.2825	0.2365	0.3038	0.2534
3.0000	0.1511	0.2106	0.2364	0.1511	0.1669	0.1102	0.1617	0.1839	0.1571	0.1727	0.1672
4.0000	0.0846	0.1350	0.1492	0.0846	0.0956	0.1262	0.0897	0.0858	0.0868	0.0923	0.0873
5.0000	0.0360	0.0350	0.0379	0.0360	0.0382	0.0184	0.0390	0.0305	0.0418	0.0326	0.0382
6.0000	0.0196	0.0159	0.0203	0.0196	0.0141	0.0275	0.0158	0.0086	0.0179	0.0105	0.0144
7.0000	0.0065	0.0083	0.0138	0.0065	0.0041	0.0012	0.0052	0.0020	0.0070	0.0026	0.0048
8.0000	0.0022	0.0027	0.0048	0.0022	0.0011	0.0047	0.0015	0.0004	0.0025	0.0006	0.0014
9.0000	0.0005	0.0007	0.0008	0.0005	0.0002	0.0000	0.0004	0.0001	0.0008	0.0001	0.0004
10.0000	0.0005	0.0001	0.0001	0.0005	0.0000	0.0007	0.0001	0.0000	0.0002	0.0000	0.0001
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
er		0.0319	0.0495	0.0293	0.0168	0.0000	0.0224	0.1200	0.0500	0.0600	0.0800
pe		0.3148	0.3683	0.3636	0.1395	0.1700	0.1130	0.2700	0.2700	0.1400	0.2700
AER		0.0134	0.0140	0.0118	0.0160	0.0761	0.0169	0.1727	0.0723	0.0000	0.0372
APE		0.1019	0.1210	0.1183	0.0880	0.2833	0.0691	0.5077	0.3791	4.4000	0.3830

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